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Betreff: Log
Datum: 27.02.2026, 22:56:49
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2026-02-27 22:49:30,838 - {root:161} - {INFO:MainThread} - # ***Start***
2026-02-27 22:49:30,864 - {root:61} - {DEBUG:MainThread} - Lock für handler10Sec erworben.
2026-02-27 22:49:30,999 - {modules.common.component_context:62} - {DEBUG:device8} - Update Komponenten ['Kostal Plenticore Zähler', 'Kostal Plenticore Wechselrichter', 'Kostal Plenticore Speicher']
2026-02-27 22:49:31,035 - {modules.common.component_context:29} - {DEBUG:set values cp19} - Update Komponente ['Ladepunkt']
2026-02-27 22:49:31,072 - {modules.common.simcount._simcount:42} - {DEBUG:device8} - Previous state:
SimCounterState(timestamp=1772228961.094597, power=0.5, imported=3.77951283930776e+36, exported=4.110207434529408e+36)
2026-02-27 22:49:31,093 - {modules.common.simcount._calculate:11} - {DEBUG:device8} - time passed: 0.00277169, power1: 0.5, power2: -1.8
2026-02-27 22:49:31,099 - {modules.common.simcount._calculate:24} - {DEBUG:device8} - power changed sign. Total energy: -0.0018016, exported energy: -0.00195223
2026-02-27 22:49:31,114 - {modules.common.simcount._simcount:65} - {DEBUG:device8} - imported: 0.000150635 Wh, exported: 0.00195223 Wh, new state: SimCounterState(timestamp=1772228971.0726726, power=-1.8000000715255737, imported=3.77951283930776e+36, exported=4.110207434529408e+36)
2026-02-27 22:49:31,294 - {modules.common.store._api:26} - {DEBUG:device8} - Raw data CounterState(currents=[-0.8220000267028809, 0.3660000264644623, -0.5100000500679016], powers=[-7.5, 37.20000076293945, -30.399999618530273], voltages=[232.85400390625, 232.17601013183594, 232.41900634765625], power_factors=[1.0, 1.0, 1.0], imported=3.77951283930776e+36, exported=4.110207434529408e+36, power=-1.8000000715255737, frequency=49.99400329589844, serial_number=None)
2026-02-27 22:49:31,351 - {modules.common.simcount._simcount:42} - {DEBUG:device8} - Previous state:
SimCounterState(timestamp=1772228961.236004, power=-425,

imported=25014.54048070617, exported=32441998.28642362)
2026-02-27 22:49:31,355 - {modules.common.simcount._calculate:11} -
{DEBUG:device8} - time passed: 0.00280972, power1: -425, power2: -423
2026-02-27 22:49:31,358 - {modules.common.simcount._calculate:27} -
{DEBUG:device8} - power did not change sign. Total energy: -1.19132
2026-02-27 22:49:31,369 - {modules.common.simcount._simcount:65} -
{DEBUG:device8} - imported: 0 Wh, exported: 1.19132 Wh, new state:
SimCounterState(timestamp=1772228971.351004, power=-423,
imported=25014.54048070617, exported=32441999.477745816)
2026-02-27 22:49:31,375 - {modules.common.store._api:26} -
{DEBUG:device8} - Raw data InverterState(currents=[0.0, 0.0, 0.0],
power=-423, exported=32328336.0, imported=25014.54048070617,
dc_power=0.23002734780311584, serial_number=None)
2026-02-27 22:49:31,467 - {modules.common.simcount._simcount:42} -
{DEBUG:device8} - Previous state:
SimCounterState(timestamp=1772228961.272894, power=-430.0,
imported=6.478038432363899e+36, exported=4.5776985069156356e+36)
2026-02-27 22:49:31,471 - {modules.common.simcount._calculate:11} -
{DEBUG:device8} - time passed: 0.00283184, power1: -430, power2: -423
2026-02-27 22:49:31,476 - {modules.common.simcount._calculate:27} -
{DEBUG:device8} - power did not change sign. Total energy: -1.20778
2026-02-27 22:49:31,479 - {modules.common.simcount._simcount:65} -
{DEBUG:device8} - imported: 0 Wh, exported: 1.20778 Wh, new state:
SimCounterState(timestamp=1772228971.4675, power=-423.0,
imported=6.478038432363899e+36, exported=4.5776985069156356e+36)
2026-02-27 22:49:31,484 - {modules.common.store._api:26} -
{DEBUG:device8} - Raw data BatState(imported=6.478038432363899e+36,
exported=4.5776985069156356e+36, power=-423.0, soc=23, currents=[0.0,
0.0, 0.0], serial_number=None)
2026-02-27 22:49:32,598 -
{modules.chargepoints.external_openwb.chargepoint_module:85} -
{DEBUG:set values cp19} - Empfange MQTT Daten für Ladepunkt 19: {'openWB/
internal_chargepoint/0/get/voltages': [232.87, 232.29, 232.48], 'openWB/
internal_chargepoint/0/get/currents': [0.0, 0.0, 0.0], 'openWB/

'internal_chargepoint/0/get/frequency': 49.92, 'openWB/internal_chargepoint/0/get/power_factors': [1.0, 1.0, 1.0], 'openWB/internal_chargepoint/0/get/imported': 4386623.54, 'openWB/internal_chargepoint/0/get/exported': 0, 'openWB/internal_chargepoint/0/get/power': 0, 'openWB/internal_chargepoint/0/get/powers': [0.0, 0.0, 0.0], 'openWB/internal_chargepoint/0/get/phases_in_use': 1, 'openWB/internal_chargepoint/0/get/charge_state': False, 'openWB/internal_chargepoint/0/get/plug_state': False, 'openWB/internal_chargepoint/0/get/serial_number': '240881609', 'openWB/internal_chargepoint/0/get/evse_current': 0, 'openWB/internal_chargepoint/0/get/fault_str': 'Kein Fehler.', 'openWB/internal_chargepoint/0/get/fault_state': 0, 'openWB/internal_chargepoint/0/get/error_timestamp': None, 'openWB/internal_chargepoint/0/get/vehicle_id': None, 'openWB/internal_chargepoint/0/get/max_evse_current': 16, 'openWB/internal_chargepoint/0/get/version': '2.1.9-Patch.1', 'openWB/internal_chargepoint/0/get/current_branch': 'Release', 'openWB/internal_chargepoint/0/get/current_commit': '2026-02-20 09:50:06 +0100 [c703b38d6]'}
2026-02-27 22:49:32,626 - {modules.common.store._api:26} - {DEBUG:set values cp19} - Raw data ChargepointState(currents=[0.0, 0.0, 0.0], powers=[0.0, 0.0, 0.0], voltages=[232.87, 232.29, 232.48], frequency=49.92, imported=4386623.54, exported=0, power=0, serial_number=240881609, phases_in_use=1, charge_state=False, plug_state=False, rfid=None, rfid_timestamp=None, charging_current=0, charging_power=0, charging_voltage=0, power_factors=[1.0, 1.0, 1.0], soc=None, soc_timestamp=None, evse_current=0, max_evse_current=16, vehicle_id=None, current_branch=Release, current_commit=2026-02-20 09:50:06 +0100 [c703b38d6], version=2.1.9-Patch.1, evse_signaling=None, max_charge_power=None, max_discharge_power=None)

2026-02-27 22:49:32,674 - {modules.common.component_context:29} - {DEBUG:component18} - Update Komponente ['Kostal Plenticore Speicher']
2026-02-27 22:49:32,678 - {modules.common.store._api:31} - {INFO:component18} - Saving BatState(imported=6.478038432363899e+36, exported=4.5776985069156356e+36, power=-423.0, soc=23, currents=[0.0, 0.0, 0.0], serial_number=None)
2026-02-27 22:49:32,750 - {modules.common.component_context:29} -

{DEBUG:component17} - Update Komponente ['Kostal Plenticore Wechselrichter']
2026-02-27 22:49:32,755 - {modules.common.store._api:26} -
{DEBUG:component17} - Raw data InverterState(currents=[0.0, 0.0, 0.0], power=0.0, exported=1.9003399254482635e+36, imported=25014.54048070617, dc_power=0.23002734780311584, serial_number=None)
2026-02-27 22:49:32,760 - {modules.common.store._api:31} -
{INFO:component17} - Saving InverterState(currents=[0.0, 0.0, 0.0], power=0.0, exported=1.9003399254482635e+36, imported=25014.54048070617, dc_power=0.23002734780311584, serial_number=None)
2026-02-27 22:49:32,763 - {modules.common.component_context:29} -
{DEBUG:update values cp19} - Update Komponente ['Ladepunkt']
2026-02-27 22:49:32,780 - {modules.common.store._api:31} - {INFO:update values cp19} - Saving ChargepointState(currents=[0.0, 0.0, 0.0], powers=[0.0, 0.0, 0.0], voltages=[232.87, 232.29, 232.48], frequency=49.92, imported=4386623.54, exported=0, power=0, serial_number=240881609, phases_in_use=1, charge_state=False, plug_state=False, rfid=None, rfid_timestamp=None, charging_current=0, charging_power=0, charging_voltage=0, power_factors=[1.0, 1.0, 1.0], soc=None, soc_timestamp=None, evse_current=0, max_evse_current=16, vehicle_id=None, current_branch=Release, current_commit=2026-02-20 09:50:06 +0100 [c703b38d6], version=2.1.9-Patch.1, evse_signaling=None, max_charge_power=None, max_discharge_power=None)
2026-02-27 22:49:33,040 - {modules.common.component_context:29} -
{DEBUG:component14} - Update Komponente ['Kostal Plenticore Zähler']
2026-02-27 22:49:33,043 - {modules.common.store._api:31} -
{INFO:component14} - Saving CounterState(currents=[-0.8220000267028809, 0.3660000264644623, -0.5100000500679016], powers=[-7.5, 37.20000076293945, -30.399999618530273], voltages=[232.85400390625, 232.17601013183594, 232.41900634765625], power_factors=[1.0, 1.0, 1.0], imported=3.77951283930776e+36, exported=4.110207434529408e+36, power=-1.8000000715255737, frequency=49.99400329589844, serial_number=None)

2026-02-27 22:49:33,217 - {control.counter:163} - {INFO:MainThread} -
Verbleibende Ströme an Zähler 14: [35.82, 34.63, 35.51]A

2026-02-27 22:49:33,222 - {control.counter:190} - {INFO:MainThread} -
Verbleibende Leistung an Zähler 14: 24001.800000071526W

2026-02-27 22:49:33,227 - {control.chargepoint.chargepoint:72} -
{INFO:MainThread} - LP 19: Keine Ladung, da kein Auto angesteckt ist.

2026-02-27 22:49:33,230 - {control.bat_all:283} - {DEBUG:MainThread} -
Damit der Speicher hochregeln kann, muss unabhängig vom eingestellten
Regelmodus Einspeisung erzeugt werden.

2026-02-27 22:49:33,234 - {control.bat_all:187} - {INFO:MainThread} -
-523.0W verbleibende Speicher-Leistung

2026-02-27 22:49:33,242 - {modules.common.simcount._simcount:42} -
{DEBUG:MainThread} - Previous state:
SimCounterState(timestamp=1772228963.0000339, power=425.5,
imported=4.164409968463425e+36, exported=0)

2026-02-27 22:49:33,252 - {modules.common.simcount._calculate:11} -
{DEBUG:MainThread} - time passed: 0.0028452, power1: 425.5, power2: 421.2

2026-02-27 22:49:33,264 - {modules.common.simcount._calculate:27} -
{DEBUG:MainThread} - power did not change sign. Total energy: 1.20452

2026-02-27 22:49:33,268 - {modules.common.simcount._simcount:65} -
{DEBUG:MainThread} - imported: 1.20452 Wh, exported: 0 Wh, new state:
SimCounterState(timestamp=1772228973.242769,
power=421.1999999284744, imported=4.164409968463425e+36,
exported=0)

2026-02-27 22:49:33,274 - {control.data:295} - {INFO:MainThread} - bat18
BatData(get=Get(currents=[0.0, 0.0, 0.0], soc=23, daily_exported=0.0,
daily_imported=0.0, imported=6.478038432363899e+36,
exported=4.5776985069156356e+36, fault_state=0, fault_str='Kein Fehler.',
power=-423.0, power_limit_controllable=True), set=Set(power_limit=None))

2026-02-27 22:49:33,281 - {control.data:262} - {INFO:MainThread} -
bat_all_data
BatAllData(config=Config(configured=True, power_limit_mode='no_limit',
bat_control_permitted=False), get=Get(power_limit_controllable=True, soc=23,
daily_exported=0.0, daily_imported=0.0, fault_str='Kein Fehler.', fault_state=0,

imported=6.478038432363899e+36, exported=4.5776985069156356e+36,
power=-423.0), set=Set(charging_power_left=-523.0, power_limit=None,
regulate_up=True, hysteresis_discharge=False))

2026-02-27 22:49:33,290 - {control.data:263} - {INFO:MainThread} -
cp_all_data

AllChargepointData(get=AllGet(daily_imported=815.0, daily_exported=0.0,
power=0, imported=4386623.54, exported=0))

2026-02-27 22:49:33,311 - {control.data:295} - {INFO:MainThread} - cp19

ChargepointData(control_parameter=ControlParameter(chargemode=<Charge
mode.STOP: 'stop'>, current_plan=None, failed_phase_switches=0,
limit=LoadmanagementLimit(message=None, limiting_value=None),
min_current=6, phases=0, prio=False, required_current=0,
required_currents=[0.0, 0.0, 0.0],
state=<ChargepointState.NO_CHARGING_ALLOWED: 0>,
submode=<Chargemode.STOP: 'stop'>, template_phases=None,
timestamp_charge_start=None, timestamp_chargemode_changed=None,
timestamp_last_phase_switch=0,
timestamp_phase_switch_buffer_start=None,
timestamp_switch_on_off=None), get=Get(charge_state=False,
charging_current=0, charging_power=0, charging_voltage=0,
connected_vehicle=ConnectedVehicle(config=ConnectedConfig(average_cons
umption=17, charge_template=0, chargemode='stop', current_plan=0,
ev_template=0, priority=False, time_charging_in_use=False),
info=ConnectedInfo(id=0, name='Ladepunkt'), soc=0),
current_branch='Release', current_commit='2026-02-20 09:50:06 +0100
[c703b38d6]', currents=[0.0, 0.0, 0.0], daily_imported=815.0,
daily_exported=0.0, error_timestamp=None, evse_current=0,
evse_signaling=None, exported=0, fault_str='Kein Fehler.', fault_state=0,
imported=4386623.54, max_charge_power=None,
max_discharge_power=None, max_evse_current=16, phases_in_use=1,
plug_state=False, power=0, powers=[0.0, 0.0, 0.0], rfid_timestamp=None,
rfid=None, serial_number='240881609', soc=None, soc_timestamp=None,
state_str='Keine Ladung, da kein Auto angesteckt ist.', vehicle_id=None,
version='2.1.9-Patch.1', voltages=[232.87, 232.29, 232.48]),

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set=Set(charge_template=ChargeTemplate(data=ChargeTemplateData(id=0,
name='Standard-Lade-Profil', prio=False, load_default=False,
time_charging=TimeCharging(active=False, plans=[]),
chargemode=Chargemode(selected='instant_charging',
eco_charging=EcoCharging(current=6, dc_current=145,
limit=Limit(selected='none', amount=50000, soc=50), max_price=0.0002,
phases_to_use=1), pv_charging=PvCharging(dc_min_current=145,
dc_min_soc_current=145, feed_in_limit=False, limit=Limit(selected='soc',
amount=50000, soc=100), min_current=0, min_soc_current=6, min_soc=0,
phases_to_use=0, phases_to_use_min_soc=3),
scheduled_charging=ScheduledCharging(plans=[]),
instant_charging=InstantCharging(current=16, dc_current=145,
limit=Limit(selected='none', amount=1000, soc=50), phases_to_use=1))))),
current=0, energy_to_charge=0, ev_prev=0, loadmanagement_available=True,
log=Log(chargemode_log_entry='_', charged_energy_by_source={'bat': 0, 'cp':
0, 'grid': 0, 'pv': 0}, costs=0, end=None, exported_at_mode_switch=0,
exported_at_plugtime=0, exported_since_mode_switch=0,
exported_since_plugged=0, imported_at_mode_switch=0,
imported_at_plugtime=0, imported_since_mode_switch=0,
imported_since_plugged=0, range_charged=0, time_charged=0,
timestamp_start_charging=None, timestamp_mode_switch=None, ev=-1,
prio=False, rfid=None, serial_number=None, soc_at_start=None,
soc_at_end=None, range_at_start=None, range_at_end=None),
manual_lock=False, phases_to_use=1, plug_state_prev=False,
plug_time=None, required_power=0, rfid=None, current_prev=0,
target_current=0, charging_ev_data=<control.ev.ev.Ev object at 0x6e7b7220>,
ocpp_transaction_id=None, charge_state_prev=False),
config=Config(configuration={'mode': 'series', 'ip_address': 'localhost',
'duo_num': 0}, ev=0, name='Interne openWB', type='internal_openwb',
template=0, connected_phases=3, phase_1=1, auto_phase_switch_hw=True,
control_pilot_interruption_hw=False, id=19, ocpp_chargebox_id=None)
2026-02-27 22:49:33,342 - {control.data:295} - {INFO:MainThread} - cpt0
CpTemplateData(autolock=Autolock(active=False, plans=[]),
wait_for_charging_end=False), charging_type='AC', id=0,
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max_current_multi_phases=16, max_current_single_phase=16,
dc_max_current=435, name='Standard Ladepunkt-Profil',
disable_after_unplug=False, valid_tags=[])
2026-02-27 22:49:33,348 - {control.data:295} - {INFO:MainThread} -
counter14

CounterData(config=Config(max_power_errorcase=7000, max_currents=[35,
35, 35], max_total_power=24000), get=Get(powers=[-7.5, 37.2, -30.4],
currents=[-0.82, 0.37, -0.51], voltages=[232.85, 232.18, 232.42],
power_factors=[1.0, 1.0, 1.0], frequency=49.99400329589844,
daily_exported=0.0, daily_imported=0.0, imported=3.77951283930776e+36,
exported=4.110207434529408e+36, fault_state=0, fault_str='Kein Fehler.',
power=-1.8000000715255737, serial_number=None),
set=Set(error_timer=None, reserved_surplus=0, released_surplus=0,
raw_power_left=24001.800000071526, raw_currents_left=[35.82, 34.63,
35.51], surplus_power_left=0))

2026-02-27 22:49:33,354 - {control.data:267} - {INFO:MainThread} -
counter_all_data

CounterAllData(config=Config(home_consumption_source_id=None,
consider_less_charging=False), get=Get(hierarchy=[{'id': 14, 'type': 'counter',
'children': [{'id': 17, 'type': 'inverter', 'children': [{'id': 18, 'type': 'bat', 'children':
[]}]}, {'id': 19, 'type': 'cp', 'children': []}]})],
set=Set(loadmanagement_active=False,
home_consumption=421.1999999284744,
smarthome_power_excluded_from_home_consumption=0,
invalid_home_consumption=0, daily_yield_home_consumption=0.0,
imported_home_consumption=4.164409968463425e+36,
disengageable_smarthome_power=0))

2026-02-27 22:49:33,375 - {control.data:295} - {INFO:MainThread} - ct0
ChargeTemplateData(id=0, name='Standard-Lade-Profil', prio=False,
load_default=False, time_charging=TimeCharging(active=False, plans=[]),
chargemode=Chargemode(selected='instant_charging',
eco_charging=EcoCharging(current=6, dc_current=145,
limit=Limit(selected='none', amount=50000, soc=50), max_price=0.0002,
phases_to_use=1), pv_charging=PvCharging(dc_min_current=145,

dc_min_soc_current=145, feed_in_limit=False, limit=Limit(selected='soc', amount=50000, soc=100), min_current=0, min_soc_current=6, min_soc=0, phases_to_use=0, phases_to_use_min_soc=3), scheduled_charging=ScheduledCharging(plans=[]), instant_charging=InstantCharging(current=16, dc_current=145, limit=Limit(selected='none', amount=1000, soc=50), phases_to_use=1)))

2026-02-27 22:49:33,392 - {control.data:295} - {INFO:MainThread} - ev0
EvData(set=Set(soc_error_counter=0), charge_template=0, ev_template=0, name='Standard-Fahrzeug', tag_id=[], get=Get(soc=None, soc_request_timestamp=None, soc_timestamp=None, force_soc_update=True, range=None, fault_state=0, fault_str='Kein Fehler.))

2026-02-27 22:49:33,414 - {control.data:295} - {INFO:MainThread} - ev1
EvData(set=Set(soc_error_counter=0), charge_template=0, ev_template=0, name='Fahrzeug', tag_id=[], get=Get(soc=None, soc_request_timestamp=None, soc_timestamp=None, force_soc_update=False, range=None, fault_state=0, fault_str='Kein Fehler.))

2026-02-27 22:49:33,419 - {control.data:295} - {INFO:MainThread} - et0
EvTemplateData(dc_min_current=20, dc_max_current=150, id=0, name='Standard-Fahrzeug-Profil', max_current_multi_phases=16, max_phases=3, prevent_phase_switch=False, prevent_charge_stop=False, control_pilot_interruption=False, control_pilot_interruption_duration=4, average_consump=17000, min_current=6, max_current_single_phase=16, battery_capacity=82000, efficiency=90, nominal_difference=1, keep_charge_active_duration=40, bidi=False)

2026-02-27 22:49:33,430 - {control.data:271} - {INFO:MainThread} -
general_data
GeneralData(chargemode_config=ChargemodeConfig(pv_charging=PvCharging(bat_power_reserve=200, bat_power_reserve_active=True, control_range=[0, 230], feed_in_yield=15000, phase_switch_delay=7, bat_power_discharge=300, bat_power_discharge_active=True, min_bat_soc=50, max_bat_soc=50, bat_mode='bat_mode', retry_failed_phase_switches=True, switch_off_delay=60, switch_off_threshold=50, switch_on_delay=30, switch_on_threshold=1400), unbalanced_load_limit=18, unbalanced_load=False), control_interval=10, extern_display_mode='primary',

extern=False, external_buttons_hw=False, grid_protection_active=False, grid_protection_configured=True, grid_protection_random_stop=0, grid_protection_timestamp=None, http_api=False, mqtt_bridge=False, temporary_charge_templates_active=False, prices=Prices(bat=0.0002, cp=0, grid=0.0003, pv=0.00015), range_unit='km')

2026-02-27 22:49:33,439 - {control.data:272} - {INFO:MainThread} - general_data-display

primary

2026-02-27 22:49:33,442 - {control.data:273} - {INFO:MainThread} - graph_data

GraphData(config=Config(duration=120))

2026-02-27 22:49:33,445 - {control.data:276} - {INFO:MainThread} - optional_data

OptionalData(electricity_pricing=ElectricityPricing(configured=False, flexible_tariff=FlexibleTariff(get=PricingGet(fault_state=0, fault_str='Kein Fehler.', prices={})), grid_fee=GridFee(get=PricingGet(fault_state=0, fault_str='Kein Fehler.', prices={})),

get=ElectricityPricingGet(next_query_time=None, _prices={})),

int_display=InternalDisplay(active=False, on_if_plugged_in=True,

pin_active=False, pin_code='0000', standby=60,

theme=<modules.display_themes.cards.config.CardsDisplayTheme object at 0x6e7b7640>), led=Led(active=False), rfid=Rfid(active=False),

dc_charging=False, ocpp=Ocpp(active=False, boot_notification_sent=False, _url=None, version='ocpp1.6'))

2026-02-27 22:49:33,452 - {control.data:295} - {INFO:MainThread} - pv17

PvData(config=Config(max_ac_out=10000), get=Get(current=[0.0, 0.0, 0.0], daily_exported=0.0, monthly_exported=0.0,

yearly_exported=1.9003399254482635e+36,

exported=1.9003399254482635e+36, fault_state=0, fault_str='Kein Fehler.', power=0.0))

2026-02-27 22:49:33,458 - {control.data:278} - {INFO:MainThread} - pv_all_data

PvAllData(config=Config(configured=True), get=Get(daily_exported=0.0, fault_str='Kein Fehler.', fault_state=0, monthly_exported=0.0,

yearly_exported=1.9003399254482635e+36,
exported=1.9003399254482635e+36, power=0.0))
2026-02-27 22:49:33,462 - {control.data:295} - {INFO:MainThread} - system
{'update_in_progress': False, 'perform_update': False, 'backup_cloud':
{'backup_before_update': True}, 'ip_address': '192.168.2.116', 'current_commit':
'2026-02-20 09:50:06 +0100 [c703b38d6]', 'current_branch': 'Release',
'current_branch_commit': '2026-02-20 09:50:06 +0100 [c703b38d6]',
'current_missing_commits': [], 'datastore_version': [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32,
33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53,
54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74,
75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95,
96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107],
'dataprotection_acknowledged': True, 'usage_terms_acknowledged': True,
'debug_level': 10, 'release_train': 'master', 'version': '2.1.9-Patch.1', 'boot_done':
True, 'lastlivevaluesJson': {'timestamp': 1772228963, 'time': '22:49:23', 'grid':
0.001, 'house-power': 0.425, 'charging-all': 0.0, 'pv-all': -0.005, 'cp19-power':
0.0, 'bat-all-power': -0.43, 'bat-all-soc': 23}, 'installAssistantDone': True,
'serial_number': None, 'secondary_auto_update': True,
'module_update_completed': True, 'mac_address': 'b8:27:eb:01:53:33'}
2026-02-27 22:49:33,476 - {control.data:308} - {INFO:MainThread} - device8
{'name': 'Kostal Plenticore', 'type': 'kostal_plenticore', 'vendor': 'kostal', 'id': 8,
'configuration': {'modbus_id': 71, 'ip_address': '192.168.2.198', 'port': 1502}}
2026-02-27 22:49:33,480 - {control.data:310} - {INFO:MainThread} -
component14
{'name': 'Kostal Plenticore Zähler', 'info': {'manufacturer': None, 'model': None},
'type': 'counter', 'id': 14, 'configuration': {}}
2026-02-27 22:49:33,484 - {control.data:310} - {INFO:MainThread} -
component17
{'name': 'Kostal Plenticore Wechselrichter', 'info': {'manufacturer': None,
'model': None}, 'type': 'inverter', 'id': 17, 'configuration': {}}
2026-02-27 22:49:33,488 - {control.data:310} - {INFO:MainThread} -
component18
{'name': 'Kostal Plenticore Speicher', 'info': {'manufacturer': None, 'model':

None}, 'type': 'bat', 'id': 18, 'configuration': {}
2026-02-27 22:49:33,492 - {control.data:282} - {INFO:MainThread} -

2026-02-27 22:49:33,495 - {control.algorithm.algorithm:27} -
{INFO:MainThread} - # Algorithmus
2026-02-27 22:49:33,498 - {control.algorithm.algorithm:32} -
{INFO:MainThread} - **Mindestrom setzen**
2026-02-27 22:49:33,503 - {control.algorithm.algorithm:34} -
{INFO:MainThread} - **Soll-Strom setzen**
2026-02-27 22:49:33,508 - {control.algorithm.algorithm:38} -
{INFO:MainThread} - **PV-geführten Strom setzen**
2026-02-27 22:49:33,510 - {control.counter:511} - {DEBUG:MainThread} -
Zähler 14: Begrenzung der verbleibenden Leistung auf -521.1999999284744W
2026-02-27 22:49:33,514 - {control.algorithm.algorithm:44} -
{INFO:MainThread} - Keine Leistung für PV-geführtes Laden übrig.
2026-02-27 22:49:33,517 - {control.algorithm.algorithm:45} -
{INFO:MainThread} - **Bidi-(Ent-)Lade-Strom setzen**
2026-02-27 22:49:33,523 - {control.counter:526} - {DEBUG:MainThread} -
Nullpunktanpassung 1.8000000715255737W
2026-02-27 22:49:33,526 - {control.algorithm.bidi_charging:16} -
{DEBUG:MainThread} - Nullpunktanpassung 1.8000000715255737W
2026-02-27 22:49:33,539 - {control.process:30} - {INFO:MainThread} - #
Ladung starten.
2026-02-27 22:49:33,547 - {modules.common.component_context:29} -
{DEBUG:set current cp19} - Update Komponente ['Ladepunkt']
2026-02-27 22:49:33,555 - {modules.devices.kostal.kostal_plenticore.bat:68}
- {DEBUG:set power limit 18} - Keine Batteriesteuerung, Selbstregelung durch
Wechselrichter
2026-02-27 22:49:34,057 - {helpermodules.changed_values_handler:127} -
{DEBUG:MainThread} - Topic openWB/set/bat/get/power, Payload -423.0,
vorherige Payload: -430.0
2026-02-27 22:49:34,062 - {helpermodules.changed_values_handler:127} -
{DEBUG:MainThread} - Topic openWB/set/bat/set/charging_power_left, Payload
-523.0, vorherige Payload: -530.0

2026-02-27 22:49:34,066 - {helpermodules.changed_values_handler:127} -
{DEBUG:MainThread} - Topic openWB/set/counter/set/home_consumption,
Payload 421.1999999284744, vorherige Payload: 425.5

2026-02-27 22:49:40,253 - {root:161} - {INFO:MainThread} - # ***Start***

2026-02-27 22:49:40,262 - {root:61} - {DEBUG:MainThread} - Lock für
handler10Sec erworben.

2026-02-27 22:49:40,297 - {modules.common.component_context:62} -
{DEBUG:device8} - Update Komponenten ['Kostal Plenticore Zähler', 'Kostal
Plenticore Wechselrichter', 'Kostal Plenticore Speicher']

2026-02-27 22:49:40,302 - {modules.common.component_context:29} -
{DEBUG:set values cp19} - Update Komponente ['Ladepunkt']

2026-02-27 22:49:40,335 - {modules.common.simcount._simcount:42} -
{DEBUG:device8} - Previous state:
SimCounterState(timestamp=1772228971.0726726,
power=-1.8000000715255737, imported=3.77951283930776e+36,
exported=4.110207434529408e+36)

2026-02-27 22:49:40,340 - {modules.common.simcount._calculate:11} -
{DEBUG:device8} - time passed: 0.00257309, power1: -1.8, power2: -3.3

2026-02-27 22:49:40,343 - {modules.common.simcount._calculate:27} -
{DEBUG:device8} - power did not change sign. Total energy: -0.00656139

2026-02-27 22:49:40,359 - {modules.common.simcount._simcount:65} -
{DEBUG:device8} - imported: 0 Wh, exported: 0.00656139 Wh, new state:
SimCounterState(timestamp=1772228980.3358095,
power=-3.299999952316284, imported=3.77951283930776e+36,
exported=4.110207434529408e+36)

2026-02-27 22:49:40,477 - {modules.common.store._api:26} -
{DEBUG:device8} - Raw data CounterState(currents=[-0.8440000414848328,
0.367000013589859, -0.4960000216960907],
powers=[-10.40000057220459, 38.0, -30.5], voltages=[233.364013671875,
232.19700622558594, 232.57000732421875], power_factors=[1.0, 1.0, 1.0],
imported=3.77951283930776e+36, exported=4.110207434529408e+36,
power=-3.299999952316284, frequency=49.98100280761719,
serial_number=None)

2026-02-27 22:49:40,507 - {modules.common.simcount._simcount:42} -

{DEBUG:device8} - Previous state:

SimCounterState(timestamp=1772228971.351004, power=-423,
imported=25014.54048070617, exported=32441999.477745816)

2026-02-27 22:49:40,511 - {modules.common.simcount._calculate:11} -

{DEBUG:device8} - time passed: 0.00254352, power1: -423, power2: -424

2026-02-27 22:49:40,513 - {modules.common.simcount._calculate:27} -

{DEBUG:device8} - power did not change sign. Total energy: -1.07718

2026-02-27 22:49:40,516 - {modules.common.simcount._simcount:65} -

{DEBUG:device8} - imported: 0 Wh, exported: 1.07718 Wh, new state:

SimCounterState(timestamp=1772228980.507663, power=-424,
imported=25014.54048070617, exported=32442000.55492502)

2026-02-27 22:49:40,520 - {modules.common.store._api:26} -

{DEBUG:device8} - Raw data InverterState(currents=[0.0, 0.0, 0.0],

power=-424, exported=32328336.0, imported=25014.54048070617,

dc_power=0.22948956489562988, serial_number=None)

2026-02-27 22:49:40,543 - {modules.common.simcount._simcount:42} -

{DEBUG:device8} - Previous state:

SimCounterState(timestamp=1772228971.4675, power=-423.0,
imported=6.478038432363899e+36, exported=4.5776985069156356e+36)

2026-02-27 22:49:40,546 - {modules.common.simcount._calculate:11} -

{DEBUG:device8} - time passed: 0.00252098, power1: -423, power2: -423.574

2026-02-27 22:49:40,549 - {modules.common.simcount._calculate:27} -

{DEBUG:device8} - power did not change sign. Total energy: -1.0671

2026-02-27 22:49:40,551 - {modules.common.simcount._simcount:65} -

{DEBUG:device8} - imported: 0 Wh, exported: 1.0671 Wh, new state:

SimCounterState(timestamp=1772228980.543029,
power=-423.5743713378906, imported=6.478038432363899e+36,
exported=4.5776985069156356e+36)

2026-02-27 22:49:40,555 - {modules.common.store._api:26} -

{DEBUG:device8} - Raw data BatState(imported=6.478038432363899e+36,

exported=4.5776985069156356e+36, power=-423.5743713378906, soc=23,

currents=[0.0, 0.0, 0.0], serial_number=None)

2026-02-27 22:49:41,508 -

{modules.chargepoints.external_openwb.chargepoint_module:85} -

{DEBUG:set values cp19} - Empfange MQTT Daten für Ladepunkt 19: {'openWB/internal_chargepoint/0/get/voltages': [233.41, 232.2, 232.57], 'openWB/internal_chargepoint/0/get/currents': [0.0, 0.0, 0.0], 'openWB/internal_chargepoint/0/get/frequency': 49.91, 'openWB/internal_chargepoint/0/get/power_factors': [1.0, 1.0, 1.0], 'openWB/internal_chargepoint/0/get/imported': 4386623.54, 'openWB/internal_chargepoint/0/get/exported': 0, 'openWB/internal_chargepoint/0/get/power': 0, 'openWB/internal_chargepoint/0/get/powers': [0.0, 0.0, 0.0], 'openWB/internal_chargepoint/0/get/phases_in_use': 1, 'openWB/internal_chargepoint/0/get/charge_state': False, 'openWB/internal_chargepoint/0/get/plug_state': False, 'openWB/internal_chargepoint/0/get/serial_number': '240881609', 'openWB/internal_chargepoint/0/get/evse_current': 0, 'openWB/internal_chargepoint/0/get/fault_str': 'Kein Fehler.', 'openWB/internal_chargepoint/0/get/fault_state': 0, 'openWB/internal_chargepoint/0/get/error_timestamp': None, 'openWB/internal_chargepoint/0/get/vehicle_id': None, 'openWB/internal_chargepoint/0/get/max_evse_current': 16, 'openWB/internal_chargepoint/0/get/version': '2.1.9-Patch.1', 'openWB/internal_chargepoint/0/get/current_branch': 'Release', 'openWB/internal_chargepoint/0/get/current_commit': '2026-02-20 09:50:06 +0100 [c703b38d6]'}
2026-02-27 22:49:41,527 - {modules.common.store._api:26} - {DEBUG:set values cp19} - Raw data ChargepointState(currents=[0.0, 0.0, 0.0], powers=[0.0, 0.0, 0.0], voltages=[233.41, 232.2, 232.57], frequency=49.91, imported=4386623.54, exported=0, power=0, serial_number=240881609, phases_in_use=1, charge_state=False, plug_state=False, rfid=None, rfid_timestamp=None, charging_current=0, charging_power=0, charging_voltage=0, power_factors=[1.0, 1.0, 1.0], soc=None, soc_timestamp=None, evse_current=0, max_evse_current=16, vehicle_id=None, current_branch=Release, current_commit=2026-02-20 09:50:06 +0100 [c703b38d6], version=2.1.9-Patch.1, evse_signaling=None, max_charge_power=None, max_discharge_power=None)

2026-02-27 22:49:41,575 - {modules.common.component_context:29} - {DEBUG:component18} - Update Komponente ['Kostal Plenticore Speicher']
2026-02-27 22:49:41,578 - {modules.common.store._api:31} - {INFO:component18} - Saving BatState(imported=6.478038432363899e+36,

2026-02-27 22:49:41,578 - {modules.common.store._api:31} - {INFO:component18} - Saving BatState(imported=6.478038432363899e+36,

exported=4.5776985069156356e+36, power=-423.5743713378906, soc=23, currents=[0.0, 0.0, 0.0], serial_number=None)
2026-02-27 22:49:41,639 - {modules.common.component_context:29} - {DEBUG:component17} - Update Komponente ['Kostal Plenticore Wechselrichter']
2026-02-27 22:49:41,641 - {modules.common.component_context:29} - {DEBUG:update values cp19} - Update Komponente ['Ladepunkt']
2026-02-27 22:49:41,644 - {modules.common.store._api:26} - {DEBUG:component17} - Raw data InverterState(currents=[0.0, 0.0, 0.0], power=-0.43000000000000068, exported=1.9003399254482635e+36, imported=25014.54048070617, dc_power=0.22948956489562988, serial_number=None)
2026-02-27 22:49:41,648 - {modules.common.store._api:31} - {INFO:update values cp19} - Saving ChargepointState(currents=[0.0, 0.0, 0.0], powers=[0.0, 0.0, 0.0], voltages=[233.41, 232.2, 232.57], frequency=49.91, imported=4386623.54, exported=0, power=0, serial_number=240881609, phases_in_use=1, charge_state=False, plug_state=False, rfid=None, rfid_timestamp=None, charging_current=0, charging_power=0, charging_voltage=0, power_factors=[1.0, 1.0, 1.0], soc=None, soc_timestamp=None, evse_current=0, max_evse_current=16, vehicle_id=None, current_branch=Release, current_commit=2026-02-20 09:50:06 +0100 [c703b38d6], version=2.1.9-Patch.1, evse_signaling=None, max_charge_power=None, max_discharge_power=None)
2026-02-27 22:49:41,654 - {modules.common.store._api:31} - {INFO:component17} - Saving InverterState(currents=[0.0, 0.0, 0.0], power=-0.43000000000000068, exported=1.9003399254482635e+36, imported=25014.54048070617, dc_power=0.22948956489562988, serial_number=None)
2026-02-27 22:49:41,878 - {modules.common.component_context:29} - {DEBUG:component14} - Update Komponente ['Kostal Plenticore Zähler']
2026-02-27 22:49:41,881 - {modules.common.store._api:31} - {INFO:component14} - Saving CounterState(currents=[-0.8440000414848328, 0.367000013589859, -0.4960000216960907], powers=[-10.40000057220459, 38.0, -30.5], voltages=[233.364013671875,

232.19700622558594, 232.57000732421875], power_factors=[1.0, 1.0, 1.0], imported=3.77951283930776e+36, exported=4.110207434529408e+36, power=-3.299999952316284, frequency=49.98100280761719, serial_number=None)

2026-02-27 22:49:42,092 - {control.counter:163} - {INFO:MainThread} - Verbleibende Ströme an Zähler 14: [35.84, 34.63, 35.5]A

2026-02-27 22:49:42,098 - {control.counter:190} - {INFO:MainThread} - Verbleibende Leistung an Zähler 14: 24003.299999952316W

2026-02-27 22:49:42,108 - {control.chargepoint.chargepoint:72} - {INFO:MainThread} - LP 19: Keine Ladung, da kein Auto angesteckt ist.

2026-02-27 22:49:42,118 - {control.bat_all:283} - {DEBUG:MainThread} - Damit der Speicher hochregeln kann, muss unabhängig vom eingestellten Regelmodus Einspeisung erzeugt werden.

2026-02-27 22:49:42,137 - {control.bat_all:187} - {INFO:MainThread} - -523.5699999999999W verbleibende Speicher-Leistung

2026-02-27 22:49:42,141 - {modules.common.simcount._simcount:42} - {DEBUG:MainThread} - Previous state: SimCounterState(timestamp=1772228973.242769, power=421.1999999284744, imported=4.164409968463425e+36, exported=0)

2026-02-27 22:49:42,149 - {modules.common.simcount._calculate:11} - {DEBUG:MainThread} - time passed: 0.00247174, power1: 421.2, power2: 420.7

2026-02-27 22:49:42,155 - {modules.common.simcount._calculate:27} - {DEBUG:MainThread} - power did not change sign. Total energy: 1.04048

2026-02-27 22:49:42,158 - {modules.common.simcount._simcount:65} - {DEBUG:MainThread} - imported: 1.04048 Wh, exported: 0 Wh, new state: SimCounterState(timestamp=1772228982.1410341, power=420.7000000476837, imported=4.164409968463425e+36, exported=0)

2026-02-27 22:49:42,168 - {control.data:295} - {INFO:MainThread} - bat18 BatData(get=Get(currents=[0.0, 0.0, 0.0], soc=23, daily_exported=0.0, daily_imported=0.0, imported=6.478038432363899e+36, exported=4.5776985069156356e+36, fault_state=0, fault_str='Kein Fehler.', power=-423.57, power_limit_controllable=True), set=Set(power_limit=None))

2026-02-27 22:49:42,177 - {control.data:262} - {INFO:MainThread} -

bat_all_data

BatAllData(config=Config(configured=True, power_limit_mode='no_limit', bat_control_permitted=False), get=Get(power_limit_controllable=True, soc=23, daily_exported=0.0, daily_imported=0.0, fault_str='Kein Fehler.', fault_state=0, imported=6.478038432363899e+36, exported=4.5776985069156356e+36, power=-423.57), set=Set(charging_power_left=-523.5699999999999, power_limit=None, regulate_up=True, hysteresis_discharge=False))

2026-02-27 22:49:42,182 - {control.data:263} - {INFO:MainThread} -

cp_all_data

AllChangepointData(get=AllGet(daily_imported=815.0, daily_exported=0.0, power=0, imported=4386623.54, exported=0))

2026-02-27 22:49:42,210 - {control.data:295} - {INFO:MainThread} - cp19

ChangepointData(control_parameter=ControlParameter(chargemode=<Charge mode.STOP: 'stop'>, current_plan=None, failed_phase_switches=0, limit=LoadmanagementLimit(message=None, limiting_value=None), min_current=6, phases=0, prio=False, required_current=0, required_currents=[0.0, 0.0, 0.0], state=<ChangepointState.NO_CHARGING_ALLOWED: 0>, submode=<Chargemode.STOP: 'stop'>, template_phases=None, timestamp_charge_start=None, timestamp_chargemode_changed=None, timestamp_last_phase_switch=0, timestamp_phase_switch_buffer_start=None, timestamp_switch_on_off=None), get=Get(charge_state=False, charging_current=0, charging_power=0, charging_voltage=0, connected_vehicle=ConnectedVehicle(config=ConnectedConfig(average_consumption=17, charge_template=0, chargemode='stop', current_plan=0, ev_template=0, priority=False, time_charging_in_use=False), info=ConnectedInfo(id=0, name='Ladepunkt'), soc=0), current_branch='Release', current_commit='2026-02-20 09:50:06 +0100 [c703b38d6]', currents=[0.0, 0.0, 0.0], daily_imported=815.0, daily_exported=0.0, error_timestamp=None, evse_current=0, evse_signaling=None, exported=0, fault_str='Kein Fehler.', fault_state=0, imported=4386623.54, max_charge_power=None,

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max_discharge_power=None, max_evse_current=16, phases_in_use=1,
plug_state=False, power=0, powers=[0.0, 0.0, 0.0], rfid_timestamp=None,
rfid=None, serial_number='240881609', soc=None, soc_timestamp=None,
state_str='Keine Ladung, da kein Auto angesteckt ist.', vehicle_id=None,
version='2.1.9-Patch.1', voltages=[233.41, 232.2, 232.57]),
set=Set(charge_template=ChargeTemplate(data=ChargeTemplateData(id=0,
name='Standard-Lade-Profil', prio=False, load_default=False,
time_charging=TimeCharging(active=False, plans=[]),
chargemode=Chargemode(selected='instant_charging',
eco_charging=EcoCharging(current=6, dc_current=145,
limit=Limit(selected='none', amount=50000, soc=50), max_price=0.0002,
phases_to_use=1), pv_charging=PvCharging(dc_min_current=145,
dc_min_soc_current=145, feed_in_limit=False, limit=Limit(selected='soc',
amount=50000, soc=100), min_current=0, min_soc_current=6, min_soc=0,
phases_to_use=0, phases_to_use_min_soc=3),
scheduled_charging=ScheduledCharging(plans=[]),
instant_charging=InstantCharging(current=16, dc_current=145,
limit=Limit(selected='none', amount=1000, soc=50), phases_to_use=1))))),
current=0, energy_to_charge=0, ev_prev=0, loadmanagement_available=True,
log=Log(chargemode_log_entry='_', charged_energy_by_source={'bat': 0, 'cp':
0, 'grid': 0, 'pv': 0}, costs=0, end=None, exported_at_mode_switch=0,
exported_at_plugtime=0, exported_since_mode_switch=0,
exported_since_plugged=0, imported_at_mode_switch=0,
imported_at_plugtime=0, imported_since_mode_switch=0,
imported_since_plugged=0, range_charged=0, time_charged=0,
timestamp_start_charging=None, timestamp_mode_switch=None, ev=-1,
prio=False, rfid=None, serial_number=None, soc_at_start=None,
soc_at_end=None, range_at_start=None, range_at_end=None),
manual_lock=False, phases_to_use=1, plug_state_prev=False,
plug_time=None, required_power=0, rfid=None, current_prev=0,
target_current=0, charging_ev_data=<control.ev.ev.Ev object at 0x6e7b7658>,
ocpp_transaction_id=None, charge_state_prev=False),
config=Config(configuration={'mode': 'series', 'ip_address': 'localhost',
'duo_num': 0}, ev=0, name='Interne openWB', type='internal_openwb',
```

template=0, connected_phases=3, phase_1=1, auto_phase_switch_hw=True, control_pilot_interruption_hw=False, id=19, ocpp_chargebox_id=None))

2026-02-27 22:49:42,267 - {control.data:295} - {INFO:MainThread} - cpt0

CpTemplateData(autolock=Autolock(active=False, plans=[],

wait_for_charging_end=False), charging_type='AC', id=0,

max_current_multi_phases=16, max_current_single_phase=16,

dc_max_current=435, name='Standard Ladepunkt-Profil',

disable_after_unplug=False, valid_tags=[])

2026-02-27 22:49:42,275 - {control.data:295} - {INFO:MainThread} -

counter14

CounterData(config=Config(max_power_errorcase=7000, max_currents=[35,

35, 35], max_total_power=24000), get=Get(powers=[-10.4, 38.0, -30.5],

currents=[-0.84, 0.37, -0.5], voltages=[233.36, 232.2, 232.57],

power_factors=[1.0, 1.0, 1.0], frequency=49.98100280761719,

daily_exported=0.0, daily_imported=0.0, imported=3.77951283930776e+36,

exported=4.110207434529408e+36, fault_state=0, fault_str='Kein Fehler.',

power=-3.299999952316284, serial_number=None),

set=Set(error_timer=None, reserved_surplus=0, released_surplus=0,

raw_power_left=24003.299999952316, raw_currents_left=[35.84, 34.63,

35.5], surplus_power_left=0))

2026-02-27 22:49:42,283 - {control.data:267} - {INFO:MainThread} -

counter_all_data

CounterAllData(config=Config(home_consumption_source_id=None,

consider_less_charging=False), get=Get(hierarchy=[{'id': 14, 'type': 'counter',

'children': [{'id': 17, 'type': 'inverter', 'children': [{'id': 18, 'type': 'bat', 'children':

[]}]}, {'id': 19, 'type': 'cp', 'children': []}]})

set=Set(loadmanagement_active=False,

home_consumption=420.7000000476837,

smarthome_power_excluded_from_home_consumption=0,

invalid_home_consumption=0, daily_yield_home_consumption=0.0,

imported_home_consumption=4.164409968463425e+36,

disengageable_smarthome_power=0))

2026-02-27 22:49:42,293 - {control.data:295} - {INFO:MainThread} - ct0

ChargeTemplateData(id=0, name='Standard-Lade-Profil', prio=False,

```
load_default=False, time_charging=TimeCharging(active=False, plans=[]),
chargemode=Chargemode(selected='instant_charging',
eco_charging=EcoCharging(current=6, dc_current=145,
limit=Limit(selected='none', amount=50000, soc=50), max_price=0.0002,
phases_to_use=1), pv_charging=PvCharging(dc_min_current=145,
dc_min_soc_current=145, feed_in_limit=False, limit=Limit(selected='soc',
amount=50000, soc=100), min_current=0, min_soc_current=6, min_soc=0,
phases_to_use=0, phases_to_use_min_soc=3),
scheduled_charging=ScheduledCharging(plans=[]),
instant_charging=InstantCharging(current=16, dc_current=145,
limit=Limit(selected='none', amount=1000, soc=50), phases_to_use=1)))
2026-02-27 22:49:42,301 - {control.data:295} - {INFO:MainThread} - ev0
EvData(set=Set(soc_error_counter=0), charge_template=0, ev_template=0,
name='Standard-Fahrzeug', tag_id=[], get=Get(soc=None,
soc_request_timestamp=None, soc_timestamp=None,
force_soc_update=True, range=None, fault_state=0, fault_str='Kein Fehler.))
2026-02-27 22:49:42,305 - {control.data:295} - {INFO:MainThread} - ev1
EvData(set=Set(soc_error_counter=0), charge_template=0, ev_template=0,
name='Fahrzeug', tag_id=[], get=Get(soc=None,
soc_request_timestamp=None, soc_timestamp=None,
force_soc_update=False, range=None, fault_state=0, fault_str='Kein Fehler.))
2026-02-27 22:49:42,310 - {control.data:295} - {INFO:MainThread} - et0
EvTemplateData(dc_min_current=20, dc_max_current=150, id=0,
name='Standard-Fahrzeug-Profil', max_current_multi_phases=16,
max_phases=3, prevent_phase_switch=False, prevent_charge_stop=False,
control_pilot_interruption=False, control_pilot_interruption_duration=4,
average_consump=17000, min_current=6, max_current_single_phase=16,
battery_capacity=82000, efficiency=90, nominal_difference=1,
keep_charge_active_duration=40, bidi=False)
2026-02-27 22:49:42,316 - {control.data:271} - {INFO:MainThread} -
general_data
GeneralData(chargemode_config=ChargemodeConfig(pv_charging=PvChargin
g(bat_power_reserve=200, bat_power_reserve_active=True, control_range=[0,
230], feed_in_yield=15000, phase_switch_delay=7, bat_power_discharge=300,
```

bat_power_discharge_active=True, min_bat_soc=50, max_bat_soc=50,
bat_mode='bat_mode', retry_failed_phase_switches=True,
switch_off_delay=60, switch_off_threshold=50, switch_on_delay=30,
switch_on_threshold=1400), unbalanced_load_limit=18,
unbalanced_load=False), control_interval=10, extern_display_mode='primary',
extern=False, external_buttons_hw=False, grid_protection_active=False,
grid_protection_configured=True, grid_protection_random_stop=0,
grid_protection_timestamp=None, http_api=False, mqtt_bridge=False,
temporary_charge_templates_active=False, prices=Prices(bat=0.0002, cp=0,
grid=0.0003, pv=0.00015), range_unit='km')
2026-02-27 22:49:42,324 - {control.data:272} - {INFO:MainThread} -
general_data-display
primary
2026-02-27 22:49:42,329 - {control.data:273} - {INFO:MainThread} -
graph_data
GraphData(config=Config(duration=120))
2026-02-27 22:49:42,333 - {control.data:276} - {INFO:MainThread} -
optional_data
OptionalData(electricity_pricing=ElectricityPricing(configured=False,
flexible_tariff=FlexibleTariff(get=PricingGet(fault_state=0, fault_str='Kein
Fehler.', prices={})), grid_fee=GridFee(get=PricingGet(fault_state=0,
fault_str='Kein Fehler.', prices={})),
get=ElectricityPricingGet(next_query_time=None, _prices={})),
int_display=InternalDisplay(active=False, on_if_plugged_in=True,
pin_active=False, pin_code='0000', standby=60,
theme=<modules.display_themes.cards.config.CardsDisplayTheme object at
0x6e7a9328>), led=Led(active=False), rfid=Rfid(active=False),
dc_charging=False, ocpp=Ocpp(active=False, boot_notification_sent=False,
_url=None, version='ocpp1.6'))
2026-02-27 22:49:42,340 - {control.data:295} - {INFO:MainThread} - pv17
PvData(config=Config(max_ac_out=10000), get=Get(current=[0.0, 0.0, 0.0],
daily_exported=0.0, monthly_exported=0.0,
yearly_exported=1.9003399254482635e+36,
exported=1.9003399254482635e+36, fault_state=0, fault_str='Kein Fehler.',

power=-0.43))

2026-02-27 22:49:42,347 - {control.data:278} - {INFO:MainThread} -

pv_all_data

PvAllData(config=Config(configured=True), get=Get(daily_exported=0.0,

fault_str='Kein Fehler.', fault_state=0, monthly_exported=0.0,

yearly_exported=1.9003399254482635e+36,

exported=1.9003399254482635e+36, power=-0.43))

2026-02-27 22:49:42,352 - {control.data:295} - {INFO:MainThread} - system

{'update_in_progress': False, 'perform_update': False, 'backup_cloud':

{'backup_before_update': True}, 'ip_address': '192.168.2.116', 'current_commit':

'2026-02-20 09:50:06 +0100 [c703b38d6]', 'current_branch': 'Release',

'current_branch_commit': '2026-02-20 09:50:06 +0100 [c703b38d6]',

'current_missing_commits': [], 'datastore_version': [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,

11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32,

33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53,

54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74,

75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95,

96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107],

'dataprotection_acknowledged': True, 'usage_terms_acknowledged': True,

'debug_level': 10, 'release_train': 'master', 'version': '2.1.9-Patch.1', 'boot_done':

True, 'lastlivevaluesJson': {'timestamp': 1772228973, 'time': '22:49:33', 'grid':

-0.002, 'house-power': 0.421, 'charging-all': 0.0, 'pv-all': -0.0, 'cp19-power':

0.0, 'bat-all-power': -0.423, 'bat-all-soc': 23}, 'installAssistantDone': True,

'serial_number': None, 'secondary_auto_update': True,

'module_update_completed': True, 'mac_address': 'b8:27:eb:01:53:33'}

2026-02-27 22:49:42,368 - {control.data:308} - {INFO:MainThread} - device8

{'name': 'Kostal Plenticore', 'type': 'kostal_plenticore', 'vendor': 'kostal', 'id': 8,

'configuration': {'modbus_id': 71, 'ip_address': '192.168.2.198', 'port': 1502}}

2026-02-27 22:49:42,378 - {control.data:310} - {INFO:MainThread} -

component14

{'name': 'Kostal Plenticore Zähler', 'info': {'manufacturer': None, 'model': None},

'type': 'counter', 'id': 14, 'configuration': {}}

2026-02-27 22:49:42,382 - {control.data:310} - {INFO:MainThread} -

component17

{'name': 'Kostal Plenticore Wechselrichter', 'info': {'manufacturer': None, 'model': None}, 'type': 'inverter', 'id': 17, 'configuration': {}}

2026-02-27 22:49:42,386 - {control.data:310} - {INFO:MainThread} - component18

{'name': 'Kostal Plenticore Speicher', 'info': {'manufacturer': None, 'model': None}, 'type': 'bat', 'id': 18, 'configuration': {}}

2026-02-27 22:49:42,392 - {control.data:282} - {INFO:MainThread} -

2026-02-27 22:49:42,395 - {control.algorithm.algorithm:27} - {INFO:MainThread} - # Algorithmus

2026-02-27 22:49:42,402 - {control.algorithm.algorithm:32} - {INFO:MainThread} - **Mindestrom setzen**

2026-02-27 22:49:42,407 - {control.algorithm.algorithm:34} - {INFO:MainThread} - **Soll-Strom setzen**

2026-02-27 22:49:42,413 - {control.algorithm.algorithm:38} - {INFO:MainThread} - **PV-geführten Strom setzen**

2026-02-27 22:49:42,417 - {control.counter:511} - {DEBUG:MainThread} - Zähler 14: Begrenzung der verbleibenden Leistung auf -520.2700000476837W

2026-02-27 22:49:42,433 - {control.algorithm.algorithm:44} - {INFO:MainThread} - Keine Leistung für PV-geführtes Laden übrig.

2026-02-27 22:49:42,438 - {control.algorithm.algorithm:45} - {INFO:MainThread} - **Bidi-(Ent-)Lade-Strom setzen**

2026-02-27 22:49:42,444 - {control.counter:526} - {DEBUG:MainThread} - Nullpunktanpassung 3.299999952316284W

2026-02-27 22:49:42,447 - {control.algorithm.bidi_charging:16} - {DEBUG:MainThread} - Nullpunktanpassung 3.299999952316284W

2026-02-27 22:49:42,452 - {control.process:30} - {INFO:MainThread} - # Ladung starten.

2026-02-27 22:49:42,467 - {modules.common.component_context:29} - {DEBUG:set current cp19} - Update Komponente ['Ladepunkt']

2026-02-27 22:49:42,470 - {modules.devices.kostal.kostal_plenticore.bat:68} - {DEBUG:set power limit 18} - Keine Batteriesteuerung, Selbstregelung durch Wechselrichter

2026-02-27 22:49:42,900 - {helpermodules.changed_values_handler:127} -

{DEBUG:MainThread} - Topic openWB/set/bat/get/power, Payload -423.57, vorherige Payload: -423.0
2026-02-27 22:49:42,905 - {helpermodules.changed_values_handler:127} - {DEBUG:MainThread} - Topic openWB/set/bat/set/charging_power_left, Payload -523.5699999999999, vorherige Payload: -523.0
2026-02-27 22:49:42,909 - {helpermodules.changed_values_handler:127} - {DEBUG:MainThread} - Topic openWB/set/counter/set/home_consumption, Payload 420.7000000476837, vorherige Payload: 421.19999999284744
2026-02-27 22:49:50,126 - {root:161} - {INFO:MainThread} - # ***Start***
2026-02-27 22:49:50,142 - {root:61} - {DEBUG:MainThread} - Lock für handler10Sec erworben.
2026-02-27 22:49:50,194 - {modules.common.component_context:62} - {DEBUG:device8} - Update Komponenten ['Kostal Plenticore Zähler', 'Kostal Plenticore Wechselrichter', 'Kostal Plenticore Speicher']
2026-02-27 22:49:50,198 - {modules.common.component_context:29} - {DEBUG:set values cp19} - Update Komponente ['Ladepunkt']
2026-02-27 22:49:50,226 - {modules.common.simcount._simcount:42} - {DEBUG:device8} - Previous state:
SimCounterState(timestamp=1772228980.3358095, power=-3.299999952316284, imported=3.77951283930776e+36, exported=4.110207434529408e+36)
2026-02-27 22:49:50,230 - {modules.common.simcount._calculate:11} - {DEBUG:device8} - time passed: 0.0027474, power1: -3.3, power2: -1
2026-02-27 22:49:50,233 - {modules.common.simcount._calculate:27} - {DEBUG:device8} - power did not change sign. Total energy: -0.00590692
2026-02-27 22:49:50,236 - {modules.common.simcount._simcount:65} - {DEBUG:device8} - imported: 0 Wh, exported: 0.00590692 Wh, new state:
SimCounterState(timestamp=1772228990.226464, power=-1.0, imported=3.77951283930776e+36, exported=4.110207434529408e+36)
2026-02-27 22:49:50,368 - {modules.common.store._api:26} - {DEBUG:device8} - Raw data CounterState(currents=[-0.8250000476837158, 0.37400001287460327, -0.5020000338554382], powers=[-9.40000057220459, 37.5, -30.100000381469727], voltages=[233.41900634765625, 232.3360137939453,

232.64500427246094], power_factors=[1.0, 1.0, 1.0],
imported=3.77951283930776e+36, exported=4.110207434529408e+36,
power=-1.0, frequency=49.99800109863281, serial_number=None)
2026-02-27 22:49:50,422 - {modules.common.simcount._simcount:42} -
{DEBUG:device8} - Previous state:
SimCounterState(timestamp=1772228980.507663, power=-424,
imported=25014.54048070617, exported=32442000.55492502)
2026-02-27 22:49:50,426 - {modules.common.simcount._calculate:11} -
{DEBUG:device8} - time passed: 0.0027542, power1: -424, power2: -424
2026-02-27 22:49:50,428 - {modules.common.simcount._calculate:27} -
{DEBUG:device8} - power did not change sign. Total energy: -1.16778
2026-02-27 22:49:50,431 - {modules.common.simcount._simcount:65} -
{DEBUG:device8} - imported: 0 Wh, exported: 1.16778 Wh, new state:
SimCounterState(timestamp=1772228990.422797, power=-424,
imported=25014.54048070617, exported=32442001.722707465)
2026-02-27 22:49:50,435 - {modules.common.store._api:26} -
{DEBUG:device8} - Raw data InverterState(currents=[0.0, 0.0, 0.0],
power=-424, exported=32328336.0, imported=25014.54048070617,
dc_power=0.22948956489562988, serial_number=None)
2026-02-27 22:49:50,458 - {modules.common.simcount._simcount:42} -
{DEBUG:device8} - Previous state:
SimCounterState(timestamp=1772228980.543029,
power=-423.5743713378906, imported=6.478038432363899e+36,
exported=4.5776985069156356e+36)
2026-02-27 22:49:50,462 - {modules.common.simcount._calculate:11} -
{DEBUG:device8} - time passed: 0.00275432, power1: -423.574, power2: -424
2026-02-27 22:49:50,465 - {modules.common.simcount._calculate:27} -
{DEBUG:device8} - power did not change sign. Total energy: -1.16724
2026-02-27 22:49:50,467 - {modules.common.simcount._simcount:65} -
{DEBUG:device8} - imported: 0 Wh, exported: 1.16724 Wh, new state:
SimCounterState(timestamp=1772228990.4585652, power=-424.0,
imported=6.478038432363899e+36, exported=4.5776985069156356e+36)
2026-02-27 22:49:50,471 - {modules.common.store._api:26} -
{DEBUG:device8} - Raw data BatState(imported=6.478038432363899e+36,

exported=4.5776985069156356e+36, power=-424.0, soc=23, currents=[0.0, 0.0, 0.0], serial_number=None)

2026-02-27 22:49:51,287 -

{modules.chargepoints.external_openwb.chargepoint_module:85} -

{DEBUG:set values cp19} - Empfange MQTT Daten für Ladepunkt 19: {'openWB/internal_chargepoint/0/get/voltages': [233.44, 232.44, 232.68], 'openWB/internal_chargepoint/0/get/currents': [0.0, 0.0, 0.0], 'openWB/internal_chargepoint/0/get/frequency': 49.93, 'openWB/internal_chargepoint/0/get/power_factors': [1.0, 1.0, 1.0], 'openWB/internal_chargepoint/0/get/imported': 4386623.54, 'openWB/internal_chargepoint/0/get/exported': 0, 'openWB/internal_chargepoint/0/get/power': 0, 'openWB/internal_chargepoint/0/get/powers': [0.0, 0.0, 0.0], 'openWB/internal_chargepoint/0/get/phases_in_use': 1, 'openWB/internal_chargepoint/0/get/charge_state': False, 'openWB/internal_chargepoint/0/get/plug_state': False, 'openWB/internal_chargepoint/0/get/serial_number': '240881609', 'openWB/internal_chargepoint/0/get/evse_current': 0, 'openWB/internal_chargepoint/0/get/fault_str': 'Kein Fehler.', 'openWB/internal_chargepoint/0/get/fault_state': 0, 'openWB/internal_chargepoint/0/get/error_timestamp': None, 'openWB/internal_chargepoint/0/get/vehicle_id': None, 'openWB/internal_chargepoint/0/get/max_evse_current': 16, 'openWB/internal_chargepoint/0/get/version': '2.1.9-Patch.1', 'openWB/internal_chargepoint/0/get/current_branch': 'Release', 'openWB/internal_chargepoint/0/get/current_commit': '2026-02-20 09:50:06 +0100 [c703b38d6]'}
2026-02-27 22:49:51,306 - {modules.common.store._api:26} - {DEBUG:set values cp19} - Raw data ChargepointState(currents=[0.0, 0.0, 0.0], powers=[0.0, 0.0, 0.0], voltages=[233.44, 232.44, 232.68], frequency=49.93, imported=4386623.54, exported=0, power=0, serial_number=240881609, phases_in_use=1, charge_state=False, plug_state=False, rfid=None, rfid_timestamp=None, charging_current=0, charging_power=0, charging_voltage=0, power_factors=[1.0, 1.0, 1.0], soc=None, soc_timestamp=None, evse_current=0, max_evse_current=16, vehicle_id=None, current_branch=Release, current_commit=2026-02-20 09:50:06 +0100 [c703b38d6], version=2.1.9-Patch.1, evse_signaling=None, max_charge_power=None, max_discharge_power=None)

2026-02-27 22:49:51,328 - {modules.common.component_context:29} -
{DEBUG:component18} - Update Komponente ['Kostal Plenticore Speicher']
2026-02-27 22:49:51,331 - {modules.common.store._api:31} -
{INFO:component18} - Saving BatState(imported=6.478038432363899e+36,
exported=4.5776985069156356e+36, power=-424.0, soc=23, currents=[0.0,
0.0, 0.0], serial_number=None)
2026-02-27 22:49:51,488 - {modules.common.component_context:29} -
{DEBUG:component17} - Update Komponente ['Kostal Plenticore
Wechselrichter']
2026-02-27 22:49:51,492 - {modules.common.store._api:26} -
{DEBUG:component17} - Raw data InverterState(currents=[0.0, 0.0, 0.0],
power=0.0, exported=1.9003399254482635e+36,
imported=25014.54048070617, dc_power=0.22948956489562988,
serial_number=None)
2026-02-27 22:49:51,495 - {modules.common.component_context:29} -
{DEBUG:update values cp19} - Update Komponente ['Ladepunkt']
2026-02-27 22:49:51,498 - {modules.common.store._api:31} -
{INFO:component17} - Saving InverterState(currents=[0.0, 0.0, 0.0], power=0.0,
exported=1.9003399254482635e+36, imported=25014.54048070617,
dc_power=0.22948956489562988, serial_number=None)
2026-02-27 22:49:51,502 - {modules.common.store._api:31} - {INFO:update
values cp19} - Saving ChargepointState(currents=[0.0, 0.0, 0.0], powers=[0.0,
0.0, 0.0], voltages=[233.44, 232.44, 232.68], frequency=49.93,
imported=4386623.54, exported=0, power=0, serial_number=240881609,
phases_in_use=1, charge_state=False, plug_state=False, rfid=None,
rfid_timestamp=None, charging_current=0, charging_power=0,
charging_voltage=0, power_factors=[1.0, 1.0, 1.0], soc=None,
soc_timestamp=None, evse_current=0, max_evse_current=16,
vehicle_id=None, current_branch=Release, current_commit=2026-02-20
09:50:06 +0100 [c703b38d6], version=2.1.9-Patch.1, evse_signaling=None,
max_charge_power=None, max_discharge_power=None)
2026-02-27 22:49:51,726 - {modules.common.component_context:29} -
{DEBUG:component14} - Update Komponente ['Kostal Plenticore Zähler']
2026-02-27 22:49:51,729 - {modules.common.store._api:31} -

{INFO:component14} - Saving CounterState(currents=[-0.8250000476837158, 0.37400001287460327, -0.5020000338554382], powers=[-9.40000057220459, 37.5, -30.100000381469727], voltages=[233.41900634765625, 232.3360137939453, 232.64500427246094], power_factors=[1.0, 1.0, 1.0], imported=3.77951283930776e+36, exported=4.110207434529408e+36, power=-1.0, frequency=49.99800109863281, serial_number=None)
2026-02-27 22:49:51,929 - {control.counter:163} - {INFO:MainThread} - Verbleibende Ströme an Zähler 14: [35.83, 34.63, 35.5]A
2026-02-27 22:49:51,933 - {control.counter:190} - {INFO:MainThread} - Verbleibende Leistung an Zähler 14: 24001.0W
2026-02-27 22:49:51,938 - {control.chargepoint.chargepoint:72} - {INFO:MainThread} - LP 19: Keine Ladung, da kein Auto angesteckt ist.
2026-02-27 22:49:51,941 - {control.bat_all:283} - {DEBUG:MainThread} - Damit der Speicher hochregeln kann, muss unabhängig vom eingestellten Regelmodus Einspeisung erzeugt werden.
2026-02-27 22:49:51,947 - {control.bat_all:187} - {INFO:MainThread} - -524.0W verbleibende Speicher-Leistung
2026-02-27 22:49:51,951 - {modules.common.simcount._simcount:42} - {DEBUG:MainThread} - Previous state:
SimCounterState(timestamp=1772228982.1410341, power=420.7000000476837, imported=4.164409968463425e+36, exported=0)
2026-02-27 22:49:51,955 - {modules.common.simcount._calculate:11} - {DEBUG:MainThread} - time passed: 0.00272513, power1: 420.7, power2: 423
2026-02-27 22:49:51,958 - {modules.common.simcount._calculate:27} - {DEBUG:MainThread} - power did not change sign. Total energy: 1.1496
2026-02-27 22:49:51,969 - {modules.common.simcount._simcount:65} - {DEBUG:MainThread} - imported: 1.1496 Wh, exported: 0 Wh, new state:
SimCounterState(timestamp=1772228991.9515095, power=423.0, imported=4.164409968463425e+36, exported=0)
2026-02-27 22:49:51,974 - {control.data:295} - {INFO:MainThread} - bat18
BatData(get=Get(currents=[0.0, 0.0, 0.0], soc=23, daily_exported=0.0, daily_imported=0.0, imported=6.478038432363899e+36,

exported=4.5776985069156356e+36, fault_state=0, fault_str='Kein Fehler.',
power=-424.0, power_limit_controllable=True), set=Set(power_limit=None))

2026-02-27 22:49:51,979 - {control.data:262} - {INFO:MainThread} -

bat_all_data

BatAllData(config=Config(configured=True, power_limit_mode='no_limit',
bat_control_permitted=False), get=Get(power_limit_controllable=True, soc=23,
daily_exported=0.0, daily_imported=0.0, fault_str='Kein Fehler.', fault_state=0,
imported=6.478038432363899e+36, exported=4.5776985069156356e+36,
power=-424.0), set=Set(charging_power_left=-524.0, power_limit=None,
regulate_up=True, hysteresis_discharge=False))

2026-02-27 22:49:51,984 - {control.data:263} - {INFO:MainThread} -

cp_all_data

AllChargepointData(get=AllGet(daily_imported=815.0, daily_exported=0.0,
power=0, imported=4386623.54, exported=0))

2026-02-27 22:49:51,989 - {control.data:295} - {INFO:MainThread} - cp19

ChargepointData(control_parameter=ControlParameter(chargemode=<Charge
mode.STOP: 'stop'>, current_plan=None, failed_phase_switches=0,
limit=LoadmanagementLimit(message=None, limiting_value=None),
min_current=6, phases=0, prio=False, required_current=0,
required_currents=[0.0, 0.0, 0.0],
state=<ChargepointState.NO_CHARGING_ALLOWED: 0>,
submode=<Chargemode.STOP: 'stop'>, template_phases=None,
timestamp_charge_start=None, timestamp_chargemode_changed=None,
timestamp_last_phase_switch=0,
timestamp_phase_switch_buffer_start=None,
timestamp_switch_on_off=None), get=Get(charge_state=False,
charging_current=0, charging_power=0, charging_voltage=0,
connected_vehicle=ConnectedVehicle(config=ConnectedConfig(average_cons
umption=17, charge_template=0, chargemode='stop', current_plan=0,
ev_template=0, priority=False, time_charging_in_use=False),
info=ConnectedInfo(id=0, name='Ladepunkt'), soc=0),
current_branch='Release', current_commit='2026-02-20 09:50:06 +0100
[c703b38d6]', currents=[0.0, 0.0, 0.0], daily_imported=815.0,
daily_exported=0.0, error_timestamp=None, evse_current=0,

evse_signaling=None, exported=0, fault_str='Kein Fehler.', fault_state=0, imported=4386623.54, max_charge_power=None, max_discharge_power=None, max_evse_current=16, phases_in_use=1, plug_state=False, power=0, powers=[0.0, 0.0, 0.0], rfid_timestamp=None, rfid=None, serial_number='240881609', soc=None, soc_timestamp=None, state_str='Keine Ladung, da kein Auto angesteckt ist.', vehicle_id=None, version='2.1.9-Patch.1', voltages=[233.44, 232.44, 232.68]), set=Set(charge_template=ChargeTemplate(data=ChargeTemplateData(id=0, name='Standard-Lade-Profil', prio=False, load_default=False, time_charging=TimeCharging(active=False, plans=[]), chargemode=Chargemode(selected='instant_charging', eco_charging=EcoCharging(current=6, dc_current=145, limit=Limit(selected='none', amount=50000, soc=50), max_price=0.0002, phases_to_use=1), pv_charging=PvCharging(dc_min_current=145, dc_min_soc_current=145, feed_in_limit=False, limit=Limit(selected='soc', amount=50000, soc=100), min_current=0, min_soc_current=6, min_soc=0, phases_to_use=0, phases_to_use_min_soc=3), scheduled_charging=ScheduledCharging(plans=[]), instant_charging=InstantCharging(current=16, dc_current=145, limit=Limit(selected='none', amount=1000, soc=50), phases_to_use=1))))), current=0, energy_to_charge=0, ev_prev=0, loadmanagement_available=True, log=Log(chargemode_log_entry='_', charged_energy_by_source={'bat': 0, 'cp': 0, 'grid': 0, 'pv': 0}, costs=0, end=None, exported_at_mode_switch=0, exported_at_plugtime=0, exported_since_mode_switch=0, exported_since_plugged=0, imported_at_mode_switch=0, imported_at_plugtime=0, imported_since_mode_switch=0, imported_since_plugged=0, range_charged=0, time_charged=0, timestamp_start_charging=None, timestamp_mode_switch=None, ev=-1, prio=False, rfid=None, serial_number=None, soc_at_start=None, soc_at_end=None, range_at_start=None, range_at_end=None), manual_lock=False, phases_to_use=1, plug_state_prev=False, plug_time=None, required_power=0, rfid=None, current_prev=0, target_current=0, charging_ev_data=<control.ev.ev.Ev object at 0x6e790ca0>, ocpp_transaction_id=None, charge_state_prev=False),

config=Config(configuration={'mode': 'series', 'ip_address': 'localhost', 'duo_num': 0}, ev=0, name='Interne openWB', type='internal_openwb', template=0, connected_phases=3, phase_1=1, auto_phase_switch_hw=True, control_pilot_interruption_hw=False, id=19, ocpp_chargebox_id=None)
2026-02-27 22:49:52,017 - {control.data:295} - {INFO:MainThread} - cpt0

CpTemplateData(autolock=Autolock(active=False, plans=[], wait_for_charging_end=False), charging_type='AC', id=0, max_current_multi_phases=16, max_current_single_phase=16, dc_max_current=435, name='Standard Ladepunkt-Profil', disable_after_unplug=False, valid_tags=[])

2026-02-27 22:49:52,021 - {control.data:295} - {INFO:MainThread} - counter14

CounterData(config=Config(max_power_errorcase=7000, max_currents=[35, 35, 35], max_total_power=24000), get=Get(powers=[-9.4, 37.5, -30.1], currents=[-0.83, 0.37, -0.5], voltages=[233.42, 232.34, 232.65], power_factors=[1.0, 1.0, 1.0], frequency=49.99800109863281, daily_exported=0.0, daily_imported=0.0, imported=3.77951283930776e+36, exported=4.110207434529408e+36, fault_state=0, fault_str='Kein Fehler.', power=-1.0, serial_number=None), set=Set(error_timer=None, reserved_surplus=0, released_surplus=0, raw_power_left=24001.0, raw_currents_left=[35.83, 34.63, 35.5], surplus_power_left=0))

2026-02-27 22:49:52,027 - {control.data:267} - {INFO:MainThread} - counter_all_data

CounterAllData(config=Config(home_consumption_source_id=None, consider_less_charging=False), get=Get(hierarchy=[{'id': 14, 'type': 'counter', 'children': [{'id': 17, 'type': 'inverter', 'children': [{'id': 18, 'type': 'bat', 'children': []}]}, {'id': 19, 'type': 'cp', 'children': []}]}]),

set=Set(loadmanagement_active=False, home_consumption=423.0, smarthome_power_excluded_from_home_consumption=0, invalid_home_consumption=0, daily_yield_home_consumption=0.0, imported_home_consumption=4.164409968463425e+36, disengageable_smarthome_power=0))

2026-02-27 22:49:52,036 - {control.data:295} - {INFO:MainThread} - ct0
ChargeTemplateData(id=0, name='Standard-Lade-Profil', prio=False,

```
load_default=False, time_charging=TimeCharging(active=False, plans=[]),
chargemode=Chargemode(selected='instant_charging',
eco_charging=EcoCharging(current=6, dc_current=145,
limit=Limit(selected='none', amount=50000, soc=50), max_price=0.0002,
phases_to_use=1), pv_charging=PvCharging(dc_min_current=145,
dc_min_soc_current=145, feed_in_limit=False, limit=Limit(selected='soc',
amount=50000, soc=100), min_current=0, min_soc_current=6, min_soc=0,
phases_to_use=0, phases_to_use_min_soc=3),
scheduled_charging=ScheduledCharging(plans=[]),
instant_charging=InstantCharging(current=16, dc_current=145,
limit=Limit(selected='none', amount=1000, soc=50), phases_to_use=1)))
2026-02-27 22:49:52,055 - {control.data:295} - {INFO:MainThread} - ev0
EvData(set=Set(soc_error_counter=0), charge_template=0, ev_template=0,
name='Standard-Fahrzeug', tag_id=[], get=Get(soc=None,
soc_request_timestamp=None, soc_timestamp=None,
force_soc_update=True, range=None, fault_state=0, fault_str='Kein Fehler.))
2026-02-27 22:49:52,060 - {control.data:295} - {INFO:MainThread} - ev1
EvData(set=Set(soc_error_counter=0), charge_template=0, ev_template=0,
name='Fahrzeug', tag_id=[], get=Get(soc=None,
soc_request_timestamp=None, soc_timestamp=None,
force_soc_update=False, range=None, fault_state=0, fault_str='Kein Fehler.))
2026-02-27 22:49:52,065 - {control.data:295} - {INFO:MainThread} - et0
EvTemplateData(dc_min_current=20, dc_max_current=150, id=0,
name='Standard-Fahrzeug-Profil', max_current_multi_phases=16,
max_phases=3, prevent_phase_switch=False, prevent_charge_stop=False,
control_pilot_interruption=False, control_pilot_interruption_duration=4,
average_consump=17000, min_current=6, max_current_single_phase=16,
battery_capacity=82000, efficiency=90, nominal_difference=1,
keep_charge_active_duration=40, bidi=False)
2026-02-27 22:49:52,071 - {control.data:271} - {INFO:MainThread} -
general_data
GeneralData(chargemode_config=ChargemodeConfig(pv_charging=PvChargin
g(bat_power_reserve=200, bat_power_reserve_active=True, control_range=[0,
230], feed_in_yield=15000, phase_switch_delay=7, bat_power_discharge=300,
```

bat_power_discharge_active=True, min_bat_soc=50, max_bat_soc=50,
bat_mode='bat_mode', retry_failed_phase_switches=True,
switch_off_delay=60, switch_off_threshold=50, switch_on_delay=30,
switch_on_threshold=1400), unbalanced_load_limit=18,
unbalanced_load=False), control_interval=10, extern_display_mode='primary',
extern=False, external_buttons_hw=False, grid_protection_active=False,
grid_protection_configured=True, grid_protection_random_stop=0,
grid_protection_timestamp=None, http_api=False, mqtt_bridge=False,
temporary_charge_templates_active=False, prices=Prices(bat=0.0002, cp=0,
grid=0.0003, pv=0.00015), range_unit='km')
2026-02-27 22:49:52,079 - {control.data:272} - {INFO:MainThread} -
general_data-display
primary
2026-02-27 22:49:52,083 - {control.data:273} - {INFO:MainThread} -
graph_data
GraphData(config=Config(duration=120))
2026-02-27 22:49:52,087 - {control.data:276} - {INFO:MainThread} -
optional_data
OptionalData(electricity_pricing=ElectricityPricing(configured=False,
flexible_tariff=FlexibleTariff(get=PricingGet(fault_state=0, fault_str='Kein
Fehler.', prices={})), grid_fee=GridFee(get=PricingGet(fault_state=0,
fault_str='Kein Fehler.', prices={})),
get=ElectricityPricingGet(next_query_time=None, _prices={})),
int_display=InternalDisplay(active=False, on_if_plugged_in=True,
pin_active=False, pin_code='0000', standby=60,
theme=<modules.display_themes.cards.config.CardsDisplayTheme object at
0x6e7afef8>), led=Led(active=False), rfid=Rfid(active=False),
dc_charging=False, ocpp=Ocpp(active=False, boot_notification_sent=False,
_url=None, version='ocpp1.6'))
2026-02-27 22:49:52,097 - {control.data:295} - {INFO:MainThread} - pv17
PvData(config=Config(max_ac_out=10000), get=Get(current=[0.0, 0.0, 0.0],
daily_exported=0.0, monthly_exported=0.0,
yearly_exported=1.9003399254482635e+36,
exported=1.9003399254482635e+36, fault_state=0, fault_str='Kein Fehler.',

power=0.0))

2026-02-27 22:49:52,102 - {control.data:278} - {INFO:MainThread} -

pv_all_data

PvAllData(config=Config(configured=True), get=Get(daily_exported=0.0, fault_str='Kein Fehler.', fault_state=0, monthly_exported=0.0, yearly_exported=1.9003399254482635e+36, exported=1.9003399254482635e+36, power=0.0))

2026-02-27 22:49:52,106 - {control.data:295} - {INFO:MainThread} - system

{'update_in_progress': False, 'perform_update': False, 'backup_cloud': {'backup_before_update': True}, 'ip_address': '192.168.2.116', 'current_commit': '2026-02-20 09:50:06 +0100 [c703b38d6]', 'current_branch': 'Release', 'current_branch_commit': '2026-02-20 09:50:06 +0100 [c703b38d6]', 'current_missing_commits': [], 'datastore_version': [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107],

'dataprotection_acknowledged': True, 'usage_terms_acknowledged': True, 'debug_level': 10, 'release_train': 'master', 'version': '2.1.9-Patch.1', 'boot_done': True, 'lastlivevaluesJson': {'timestamp': 1772228982, 'time': '22:49:42', 'grid': -0.003, 'house-power': 0.421, 'charging-all': 0.0, 'pv-all': 0.0, 'cp19-power': 0.0, 'bat-all-power': -0.424, 'bat-all-soc': 23}, 'installAssistantDone': True, 'serial_number': None, 'secondary_auto_update': True, 'module_update_completed': True, 'mac_address': 'b8:27:eb:01:53:33'}

2026-02-27 22:49:52,123 - {control.data:308} - {INFO:MainThread} - device8

{'name': 'Kostal Plenticore', 'type': 'kostal_plenticore', 'vendor': 'kostal', 'id': 8, 'configuration': {'modbus_id': 71, 'ip_address': '192.168.2.198', 'port': 1502}}

2026-02-27 22:49:52,133 - {control.data:310} - {INFO:MainThread} -

component14

{'name': 'Kostal Plenticore Zähler', 'info': {'manufacturer': None, 'model': None}, 'type': 'counter', 'id': 14, 'configuration': {}}

2026-02-27 22:49:52,137 - {control.data:310} - {INFO:MainThread} -

component17

{'name': 'Kostal Plenticore Wechselrichter', 'info': {'manufacturer': None, 'model': None}, 'type': 'inverter', 'id': 17, 'configuration': {}}

2026-02-27 22:49:52,140 - {control.data:310} - {INFO:MainThread} - component18

{'name': 'Kostal Plenticore Speicher', 'info': {'manufacturer': None, 'model': None}, 'type': 'bat', 'id': 18, 'configuration': {}}

2026-02-27 22:49:52,144 - {control.data:282} - {INFO:MainThread} -

2026-02-27 22:49:52,146 - {control.algorithm.algorithm:27} - {INFO:MainThread} - # Algorithmus

2026-02-27 22:49:52,149 - {control.algorithm.algorithm:32} - {INFO:MainThread} - **Mindestrom setzen**

2026-02-27 22:49:52,154 - {control.algorithm.algorithm:34} - {INFO:MainThread} - **Soll-Strom setzen**

2026-02-27 22:49:52,158 - {control.algorithm.algorithm:38} - {INFO:MainThread} - **PV-geführten Strom setzen**

2026-02-27 22:49:52,160 - {control.counter:511} - {DEBUG:MainThread} - Zähler 14: Begrenzung der verbleibenden Leistung auf -523.0W

2026-02-27 22:49:52,163 - {control.algorithm.algorithm:44} - {INFO:MainThread} - Keine Leistung für PV-geführtes Laden übrig.

2026-02-27 22:49:52,166 - {control.algorithm.algorithm:45} - {INFO:MainThread} - **Bidi-(Ent-)Lade-Strom setzen**

2026-02-27 22:49:52,168 - {control.counter:526} - {DEBUG:MainThread} - Nullpunktanpassung 1.0W

2026-02-27 22:49:52,171 - {control.algorithm.bidi_charging:16} - {DEBUG:MainThread} - Nullpunktanpassung 1.0W

2026-02-27 22:49:52,173 - {control.process:30} - {INFO:MainThread} - # Ladung starten.

2026-02-27 22:49:52,178 - {modules.common.component_context:29} - {DEBUG:set current cp19} - Update Komponente ['Ladepunkt']

2026-02-27 22:49:52,185 - {modules.devices.kostal.kostal_plenticore.bat:68} - {DEBUG:set power limit 18} - Keine Batteriesteuerung, Selbstregelung durch Wechselrichter

2026-02-27 22:49:52,550 - {helpermodules.changed_values_handler:127} -

{DEBUG:MainThread} - Topic openWB/set/bat/get/power, Payload -424.0,
vorherige Payload: -423.57
2026-02-27 22:49:52,566 - {helpermodules.changed_values_handler:127} -
{DEBUG:MainThread} - Topic openWB/set/bat/set/charging_power_left, Payload
-524.0, vorherige Payload: -523.56999999999999
2026-02-27 22:49:52,578 - {helpermodules.changed_values_handler:127} -
{DEBUG:MainThread} - Topic openWB/set/counter/set/home_consumption,
Payload 423.0, vorherige Payload: 420.7000000476837

Mit freundlichen Grüßen

Timo Wenzel