

Charging Station

Charging Station Description

Producer	Shrack
Station type(s)	EMCIONP2CE 11-22kW, kabel TYP2 EMCIONP2CO 11-22kW kabel TYP2 EMCIONP2PE 11-22kW zásuvka TYP2 EMCIONP2PO 11-22kW zásuvka TYP2
Protocol OCPP	WSS / OCPP 1.6 JSON
Control Unit	Bender CC613

Tests

Test	Description	Result
Base Call		
Connect	Connection to ChargeUp – CPO detected Charging Station.	✓
Disconnect	Disconnection from ChargeUp – CPO recognize disconnected Charging Station.	✓
Heartbeats	Charging Station sends heartbeats in defined intervals.	✓
MeterValues	Charging Station sends meter values in defined intervals.	✓
Reboot	Test of reconnection to CPO after reset.	✓
State change	Charging Station sends and changes point state on demand.	✓
Unlock	Charging Station unlocks socket on demand.	✓
Charging, Authorization and Tarification		
Start Charging	Start transaction called by CS – for every connector.	✓
Stop Charging	Stop transaction called by CS – for every connector.	✓
Start Charging	Start transaction called by ChargeUp – for every connector.	✓
Stop Charging	Stop transaction called by ChargeUp – for every connector.	✓
Authorization	Start charging with allowed authorization, not starting with blocked one - RFID	✓

Tariffication	Test of setting tariff for AC and DC separately (final price is correct).	✓
Reservation	Charging station support reservation of points.	✓

Approved by



Karel Poc - ChargeUp

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Unicorn Systems a.s.