

voltra [⊕] charging

TECHNOLOGIE DIE JE VERDER BRENGT



Installation Manual 60 - 80kW All in One charger



60 - 80kW All in one charger

- 1 Charging LED indicator
- 2 15" HD screen
- 3 Door handle / lock
- 4 CCS2 connectors
- 5 Stainless steel frame
- 6 Bolts for lifting
- 7 5m charging cable
- 8 MID meter
- 9 Payment terminal (optional)
- 10 20kW Power Modules

ALL IN ONE CHARGER (60/80)

Item	Parameter
Input characteristic	
Input Voltage	400 VAC (±10%)
Input frequency	50 / 60 Hz
Input type	3P + N + PE
Max input current	150 A
Max input power	89kVA
Power factor	0.99
THDi	<5%
Grounding type	TN-S, TT
Output characteristic	
Connector options	CCS2 / CCS2 + CCS2 / CHA
Output voltage	CCS2: 200-1000Vdc / CHAdeMO: 200-500Vdc
Maximum output current	CCS2: 200A / CHAdeMO: 125A
Output power	60kW/ 80kW
Peak efficiency	96,2%
Environment	
Operational altitude	< 2000 m
Operating temperature	-25 °C to +65 °C (Derating operation over 50°C)
Humidity	5%-95% Rh non-condensing
Mechanical specification	
IP/IK degree	IP55 / IK10
Dimension	W850 × D550 × H2030 mm
Weight	< 390 kg
Material	Stainless steel
Components	
Cable length	5m (7m / 10m - optional)
Screen	15" HD touchscreen
RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
Emergency button	Yes
MID-meters	Yes
Others	
Communication interface	4G / LAN Port
Language	English / Dutch (Support customizing other languages)
Communication protocol	OCPP1.6J / OCPP2.01
Cooling method	Air cooled
Payment method	RFID / APP (Visa / Mastercard optional)
EMC	Class A
Protection	Over / Under voltage DC overcurrent Over-temperature Surge protection device Emergency stop Flood detection Smoke detection Tilt detection
Barrier free design	Yes
Optional functions	Payter terminal, Cable lengths (7m, 10m)
Standard and Certifications	
Certifications	CE, RCM, Eichrecht, MID compliant, TUV
Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, EN18031