

ECharger DC-Bus

Connector:
CCS Combo2

General parameters	
Charging protocols	PLC 30MHz
Charging speed	Level 3
High level protocol	OCPP 1.6J
Energy measurement, output	Smart meter (MID) for each output channel
Wire communication interface	Ethernet
Wireless communication interface	GSM, Wi-Fi, Bluetooth
Backup energy supply	12V DC integrated power unit
Control panel	Display 4.3", control buttons
Emergency stop	Emergency button
Overload protection	MCB with remote control
Leakage protection	RCCB Type A, RCCB Type B with remote control
Overvoltage protection	SPD Class II with temperature monitoring
Regulations	CE declaration, 2014/30/EU, 2014/35/EU, 2014/53/EU

Housing	50kW	100kW	150kW
Protection	IP54, IK10		
Fixation	Standalone with prepared basement		
Application	Indoor or outdoor		
Material	Steel, polymer coating		
Service energy supply	Schuko socket AC 230V 16A inside		
Authorization	RFID Mifare 13.56MHz		
Access to internal room	With key		
Dimensions LxHxW	1000x1700x515mm	1000x1700x835mm	1000x1700x835mm
Weight	300kg	370kg	420kg

Extra options	
Custom branding	Available according the customer pattern
Cable management system	Available by request
Input energy meter	Available by request
Remote management	Remote monitoring and control

Datasheet	50kW	100kW	150kW
Operating temperature	-40 ... +50°C		
Humidity	5 ... 95% RH Non-condensing		
Operating altitude	Max. 2000m		
Power supply	50/60Hz, 3 x 400V ±5%, PE, N		
Consumption power	53kVA	106kVA	159kVA
Active harmonic filter	<5% THD (SAPF technology)		
Charging mode	Mode 4		
Connector cable length	7.5m		
Input cable cross-section	16-150 mm ²	35-150 mm ²	70-150 mm ²
Efficiency	Min. 94%		
Power factor	Min. 0.96		
Voltage range	150-950 V		
Max. charging current	80A	160A	240A
Charging standards	IEC 61851-1, IEC 61851-22, IEC61851-23, IEC 61851-24, EN 61643-11, IEC 62196-2, IEC 62196-3, CCS Combo, EN62052-11, EN62053-21, EN62053-23, EN61010-1, ISO 15118, DIN SPEC 70121, EN 50160		
Ordering code	50DC-F-W	100DC-F-W	150DC-F-W

