Product Datasheet

EVMS PRO

UPTO 480kW HIGH POWER CHARGING



“80kW to 480kW DC

21”/34”/43” touchscreen display

97% overall efficiency

Max 760A charging current

150-1000V output voltage range”

Dual Display for AD

Stackable Power Design



Contactless Payment Terminal

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GENERAL SPECIFICATIONS

Power range	80kW to 480kW
Housing	Galvanised coating steel
Dimension (CMS included)	850*800*2280 (80-240kW) 850*1150*2280 (320-480kW)
Input voltage	380V AC, Range: 304-456V
Input frequency	50/60Hz, Range: 45-65Hz
Power factor	≥ 0.99
Overall efficiency	≥ 97%
Output voltage range	50VDC-1000VDC / 150VDC-1000VDC
Current regulation accuracy	<1%
DC ripple noise voltage	≤0.5% (0MHz - 20MHz Bandwidth)
Harmonic current distortion	<3%
Overall efficiency	≥ 97%

**All values are based on tests under optimal conditions*

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CHARGING SPECIFICATIONS

Charging mode	IEC 61851-1 IEC 61851-23 IEC 61851-24 ISO 15118 DIN 70121 CHAdeMO GB/T
Connectors	20 0A /250 A/3 00A/3 80A
Cable	5m charging cable
Authentication	RFID OCPP backend APP QR Contactless payment terminal AutoCharge Plug & Charge (Coming soon)
Cable management system (CMS)	Foldable integrated on top
Charging status indication	Ambient LED on top
HMI	21/34/43-inch touchscreen
GUI	Over 32 different languages

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CONNECTIVITY	
Backend protocol	OCPP 1.6J OCPP 2.0.1
External control	MODBUS RS485 RS 232
Internet connection	WiFi 4G LTE Ethernet
Maintenance system	SCU Cloud platform

ENVIRONMENTAL SPECIFICATIONS	
Operating temperature	-20°C to 75°C
Storage temperature	-40°C to 60°C
Max altitude without derating	Upto 2000m
Altitude derating	Above 2000m derating applies
Operational noise level	<60 db
Operating humidity	≤95% (Non-condensing)
Enclosure rating	IP55

**All values are based on tests under optimal conditions*