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"









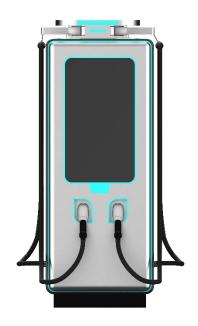


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GENERAL SPECIFICATIONS

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%

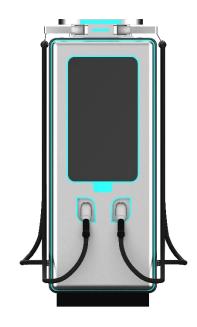
^{*}All values are based on tests under optimal conditions



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CHARGING SPECIFICATIONS

IEC 61851-1 IEC 61851-23 IEC 61851-24 ISO 15118 DIN 70121 CHAdeMO GB/T
200A/250A/300A/380A
5m charging cable
RFID OCPP backend APP QR Contactless payment terminal AutoCharge Plug & Charge (Coming soon)
Foldable integrated on top
Ambient LED on top
21/34/43-inch touchscreen
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