

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

Product Datasheet



EVMS PRO

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	200A/250A/300A/380A
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

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

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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*