

DCC 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”



Product Datasheet



DCC 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	$\geq 97\%$
Output voltage range	50VDC-1000VDC / 150VDC-1000VDC
Current regulation accuracy	$<1\%$
DC ripple noise voltage	$\leq 0.5\%$ (0MHz - 20MHz Bandwidth)
Harmonic current distortion	$<3\%$
Overall efficiency	$\geq 97\%$

**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

Product Datasheet



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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