

DC FAST CHARGER

GR40



 Expressways

 Parking lot

 Charging stations

 Airport

 Rest areas

 Commercial spaces



Power	40 kW
Charger Type	All In One
Power Class	Level 3
Connectors	CCS/NACS
No. of Connectors	Single
Voltage Range	200-1000

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Reference

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DC Output

Maximum power [kW]	40
Voltage range [VDC]	200-1000
No. of connectors	Single/Dual
Available connectors	CCSI, NACS

AC Input

Voltage [VAC]	480 (3ph + N + PE) ± 10%
Power factor	≥0.99
Frequency [Hz]	50 / 60
Efficiency	≥96%

General

User Interaction

Interface	4.3" Touchscreen E-stop pushbutton Payment terminal/RFID/QR Code
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Communication

Connectivity	Ethernet 10/100Mbps
Charge protocols	ISO 15118, CCS, IEC 62196 Mode 4, EN 61581-23, DIN 70121
Communication protocols	OCPP 1.6, upgrade-able to OCPP 2.0

Safety

Protections	Under Voltage, Over Voltage, Under Frequency, OverFrequency, Phase Failure, IMD, Communication Failure Overcurrent / shortcircuit (Circuit Breakers) Surge, RCD Type A, Earth Fault Detection
Others	Smart Power Balance E-Stop Button ready
Energy measurement	Internal DC energy measurement

Environment

"Operating temperature range"	-4°F (-20°C) to 122°F (50°C)
Storage temperature	-4°F (-20°C) to 140°F (60°C)
Relative humidity	<95%RH (Non-condensing)
"Maximum altitude above sea"	<10361 ft (3,158 m)

Mechanical

Cable length	5m / 16.4ft with cable management system
Enclosure / Foot colour	Charcoal black / Customisation available
"Typical Dimensions (W x D x H)"	16 x 24x 10 inch 406 x 610 x 254 mm
Weight	90 Kg (199 lb)

Standards

Regulation	Meets UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Protection rating	IP54, NEMA 3R