STORM
DCFAST40KW
SPECIFICATIONS

- DYNAMIC LOAD BALANCING
- ISO 15118 PLUG & CHARGE
- 21.5-INCH TOUCHSCREEN DISPLAY



- FLEXIBLE POWER MODULE DESIGN
- MULTIPLE CABLE & CHARGING CONNECTOR OPTIONS
- CHARGE 2 VEHICLES SIMULTANEOUSLY

STORM
DCCOMMERCIAL
LEVEL 3 ELECTRIC VEHICLE CHARGER

SPECIFICATIONS STORM DC FAST 40KW

DC Output Connection

Charging mode	Mode 4 : CCS1
Output power	40kW
Output voltage	150-950V
Max output current	133A
Number of outputs	2*CCS1, or 1*CCS1+1*CHAdeMO, or 1*CCS1
Peak efficiency	≥96%

AC Input Connection

Earthing system	3P, PE (No neutral)
Input voltage	3-phase 480V AC+10%~-15%
Input frequency	60Hz
Power factor	≥0.99
Harmonic distortion (THDi)	≤5%

General Characteristics

Enclosure Rating	NEMA 3S
Operating altitude	6561.7' (2000m)
Operating temperature range	-22ºF~+131°F (-30°C~+55°C)
Storage temperature range	-40ºF~+158°F (-40°C~+70°C)
Mounting	Wall or floor using a pedestal
Dimensions (H×W×D)	39.37"x21.65"x10.23" (1000×550×260 mm)

User Interface

Screen type	21.5-inch LCD Touch Screen
Cable length	13.1' (4m) Standard; 16.4' (5m) Optional
Status indication	LED/LCD/APP
User interface	EVI Driver APP; EVI CPMS, Wi-Fi,
Connectivity	Ethernet
Communication protocols	OCPP 1.6J (Can be upgraded to OCPP 2.0.1 later)
User authentication	APP, RFID Card, Credit Card (Optional)

Software Update

OTA updates via web portal

Certification and Standards

Safety and compliance	UL 2202, UL 2231-1, UL 2231-2, CSA No.107.1-16, NEC Article 625, ISO 15118 Plug&Charge
EMC compliance	FCC 15 Class A
Warranty	24 months, warranty extension possible