

# GreenFlow DC Charger

Three Phase / Floor Mounted

## Integrated PV-ESS-Charging Solution

Independent EMS platform which can create an integrated system solution involving battery devices

## Dynamic Load Management

Dynamic load management and balancing are supported since the overload can be effectively avoided via EMS platform

## Dual-connector HPC

Dual-connector supports simultaneous charging with an ultra-high output power

## 3rd-party Charging Management System

Integrate with mainstream backend platform to provide various functions with easy operation



CATEGORY	CDA24D	CDA48D
<b>General Info</b>		
Dimensions (W x H x D)	850 × 2200 × 650 mm	850 × 2200 × 850 mm
Cable Length	5 M (7 M is optional)	
<b>Input Performance</b>		
Power Supply	L1+L2+L3+PE+N	
Rated Voltage	400 V AC ±10%	
Frequency	45 ~ 65 Hz	
<b>Output Performance</b>		
Output Voltage	150 ~ 1000 V DC	
Output Current	Rated 350 A (boost 500 A)	Air cooling: Rated 350 A (boost 500 A) Liquid cooling: Rated 500 A (boost 650 A) 300 kW / 320 kW / 360 kW /
Rated Power	120 kW / 160 kW / 180 kW / 240 kW	400 kW / 420 kW / 480 kW
Charging Module	30 kW / 40 kW	30 kW / 40 kW
Connector Type	CCS2+CCS2	
<b>HMI</b>		
LED Indicator	RGB LED	
LCD Display	15.6" display with 4 buttons	
Emergency Stop	Yes	
<b>Communication</b>		
Payment Method	RFID Card / QR Code / POS Terminal	
PLC Communication	DIN70121 and ISO15118	
Ethernet	Yes	
Wi-Fi and 4G	Yes	
OCP	OCPP 1.6 J	
<b>Electrical Parameters</b>		
Efficiency	Max 96%	
THD	≤ 5% (100% load)	
Power Factor	≥ 0.99 (50% ~ 100% load)	
Ripple Factor	≤ ±1%	
Noise Emission	≤ 65 dB	
EMC Compliance	Class A	
<b>Safety</b>		
Energy Meter	Class B (±1% accuracy) with MID certified	
Protection Rating	IP54	
Impact Resistance	IK10	
Electrical Protection	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, lightning protection	
<b>Working Environment</b>		
Installation	Floor mounted on plinth or base	
Working Temperature	-30°C ~ +75°C (full power output below 55°C; power derates above 55°C; system will shutdown above 75°C)	
Storage Temperature	-40°C ~ +80°C	
Humidity	5% ~ 95%	
Altitude	≤ 2000 m	

