

INTRODUCTION

Gresgying 120 & 180kW DC charger is providing double CCS2 connectors. It can provide safe, reliable and efficient charging service while monitoring real-time charging status. A perfect solution for public charging and heavy commercial vehicles charging.



FEATURES

Elegant Design

- All aluminum Z-shaped shutter patented technology
- Clear display of SOC status
- Sunshade protection, cold light assistance

Intelligent Control

- Remote charger management platform
- 4G Connection
- OCPP1.6J

Strong Performance

- Dynamic power distribution between 2 connectors
- Wide constant charging voltage range 300~1000V
- Low standby power consumption
- Charging efficiency up to 95%

120/180kW DC Charger

GRESGYING

SPECIFICATION

Model		
Model number	F3-EU	
Rated power	120kW	180kW
Input Parameters		
AC Input voltage range	AC 380V (AC323V-460V)	
AC Input current range	194A (0~228A)	291A (0~342A)
Grid types	TN-S/TN-C-S/TT	
Grid connection	3P+N+PE	
Output Parameters		
Output options	CCS2	
DC Output voltage range	DC150V~1000V	
DC Output current	0~200A	
Electrical Parameters		
Peak efficiency	≥95%	
Power factor (full load)	≥0.99	
THDi	≤5%	
Dynamic power distribution	Min.30kW switch power	

User Interface & Control		
User authentication	APP, QR Code (optional), RFID	
HMI	7inch touch LCD	
Connectivity	Ethernet/4G	
Communication protocol	OCPP 1.6J	
Vehicle & Charger Communication	ISO 15118 / DIN 70121 - 2014	
Mechanical Parameters		
Cable length	4.5m	
Dimension(W*D*H)	800mmx600mmx1700mm	
Net weight	310kg	355kg
Protection	IP54, IK10	
Environmental		
Storage temperature	-40~70°C	
Operating temperature	-25~50°C	
Operating humidity	5%~95% (no condensation)	
Altitude	≤2000m	
Cooling method	Forced Air Cooling	
Optional	POS machine, PTB certified DC energy meter	