

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 Fast 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	0~250A
Max Charging power at 400V battery voltage	80kW	100kW
Max. Charging power at 800V battery voltage	120kW	180kW
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	7 inch touch LCD
Connectivity	Ethernet/4G
Communication protocol	OCPP1.6J
Vehicle & Charger Communication	ISO15118/DIN70121-2014

Mechanical Parameters

Cable length	4.5m	
Dimension (W*D*H)	800mmx600mmx1700mm	
Netweight	310kg	355kg
Protection	IP54,IK10	

Environmental

Storage temperature	-40~70°C
Operating temperature	-25~50°C
Operating humidity	5%~95%(nocondensation)
Altitude	≤2000m
Cooling method	ForcedAirCooling

Optional

payment terminal, PTB meter