

Super Fast Charging Stations SFC 120 Datasheet



SFC 120 Electric Vehicle Charging Solutions

MEGMEET's Super Fast Charging Station Platform

Features:

- 120 kW dual charging power, charge up to 90% in only 25 minutes.
- Simultaneous charging of two vehicles.
- DC output voltage up to 1000 VDC.
- Modular design, easy to install and service.
- Wired/4G GSM connectivity.
- RFID, credit card and ISO 15118 user identification.
- More than 94% efficiency for power saving.
- IP54 outdoor charging station.



Highway
Service



Parking



Service
Station



Commercial
Building



Fleet

SFC 120

Revolutionizing Electric Vehicle Charging



Product Specifications

SFC 120 (120 kW)

AC input	
Input voltage range	323-480 VAC
Rated input voltage	480 VAC $\pm$ 10%
Rated frequency	50 Hz / 60Hz
Power factor	≥ 0.99
Input system	3-Phase, TN, TT (3W+N+PE)
DC output	
Output power	120 kW
Output voltage range	150-1000 VDC
Stabilized voltage precision	$\leq \pm 0.5\%$
Stabilized current precision	$\leq \pm 1\%$
Efficiency	$\geq 94\%$
Noise	≤ 65 dB, @25°C
Environment condition	
Operating temperature	-20°C - +55°C
Storage temperature	-40°C - +75°C
Relative humidity	5-95%
Altitude	<2000 m, derated over 2000 m (6,500 ft.)
Cooling mode	Forced air
Function	
Communication	CAN
Protection	Short-circuit protection, over current protection Protection lighting protection, scam protection, battery protection
Wireless network connection	Support
Mode of payment	Swipe card, scan code
Charging interface	CCS1 / NACS
Appearance	
Dimensions (W * H * D)	700 x 1700 x 460 mm (27.6 $\times$ 66.9 $\times$ 18.1 inch)
Installation	Floor installation
IP grade	IP54
Cable length	5 m
User interface	7" display

*Dimension and weight including charging connectors, subject to variants.
Product outlook depends on configuration.



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Application testing is strongly recommended.
Specifications are subject to change without notice.
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MEGMEET
Built in Thailand

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[Super Fast Charging Stations](#)