



EVES-120120 Specifications

Accelerating mass adoption of electric vehicles by
delivering sustainable fast charging solutions that can be
deployed anywhere

EVES-120120

120kW Mobile DC Fast Charger with 120kWh integrated Battery

FEATURES

- Off-grid, mobile EV fast charging station
- Combining the latest in DC fast charging technology with the safest lithium battery chemistry
- Recharge via the grid or a DC fast charging station
- CHAdeMO, CCS, NACS or GB/T charging cables
- Excellent performance with over 6000 cycles
- Can be configured to be mounted in a vehicle or fully moveable with robust castors
- IP54 rated enclosure ideal for a wide range of locations and conditions
- Open Charge Point Protocol (OCPP) 1.6 compliant
- Designed for easy installation and maintenance



EV CHARGING SPECIFICATIONS

Charging Cables	Can be configured with two charging cables - CHAdeMO, CCS 1, CCS 2, NACS, or GB/T
Output Power	120 kW
Output Voltage	200 - 920 Vdc
Simultaneous Charging	Can be configured to charge two electric vehicles at the same time
Charging Cable Length	5 m (16.4 ft) longer cables optional
Communication Protocol	OCPP 1.6J
EN-GATE v.s Charger	CAN 2.0 (CHAdeMO, GB/T) PLC (CCS)
EN-GATE v.s Backend	Ethernet / 3G / 4G / Wi-Fi

BATTERY SYSTEM SPECIFICATIONS

Battery Capacity	120 kWh
Battery Chemistry	LiFePO4
Depth of Discharge (DOD%)	90% recommended
Operating Temperature	Charge: -4°F (-20°C) to 131°F (55°C) Discharge: -4°F (-20°C) to 149°F (65°C)

Communication Protocol	RS485 / CAN / LAN
Cycle Life	> 6000 cycles
Recharging the battery	Grid: 400Vac (3P+N+PE) or 480Vac (3P+N+PE) DC fast charging station: Can be configured to be charged via CCS 1, CCS 2

GENERAL SPECIFICATIONS

Installation Type	Floor mounted or movable
Display Screen	EV charger status screen and battery status screen
LED Indicator	3 LED indicators
Emergency Stop Button	Yes
IP Rating	IP54
Dimensions (L x W x H)	98.4 x 49.6 x 44.2 (2500 x 1260 x 1122) inch (mm)
Weight	~1700 kg (3748 lbs)
System Configuration	Each system is configured to meet your requirements and as such specifications can vary.



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