

## EVES-120120 Specifications

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



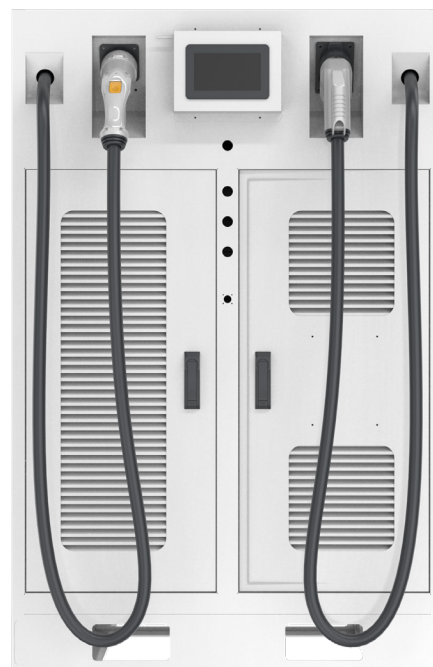
ELECTRIC VEHICLE ENERGY STORAGE COMPANY

## 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 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		GENERAL SPECIFICATIONS	
<b>Charging Cables</b>	Can be configured with one to three charging cables - CHAdeMO, CCS 1, CCS 2, GB/T	<b>Communication Protocol</b>	RS485 / CAN / LAN
<b>Output Power</b>	120 kW	<b>Cycle Life</b>	> 6000 cycles
<b>Output Voltage</b>	200 - 920 Vdc	<b>Recharging the battery</b>	<b>Grid:</b> 400Vac (3P+N+PE) or 480Vac (3P+N+PE) <b>DC fast charging station:</b> Can be configured to be charged via CCS 1, CCS 2 or CHAdeMO
<b>Simultaneous Charging</b>	Can be configured to charge two electric vehicles at the same time		
<b>Charging Cable Length</b>	5 m (16.4 ft) longer cables optional		
<b>Communication Protocol</b>	OCPP 1.6J		
<b>EN-GATE v.s Charger</b>	CAN 2.0 (CHAdeMO, GB/T) PLC (CCS)		
<b>EN-GATE v.s Backend</b>	Ethernet / 3G / 4G / Wi-Fi		
<b>BATTERY SYSTEM SPECIFICATIONS</b>		<b>Installation Type</b>	Floor mounted or movable
<b>Battery Capacity</b>	120 kWh	<b>Display Screen</b>	EV charger status screen and battery status screen
<b>Battery Chemistry</b>	LiFePO4	<b>LED Indicator</b>	3 LED indicators
<b>Depth of Discharge (DOD%)</b>	90% recommended	<b>Emergency Stop Button</b>	Yes
<b>Operating Temperature</b>	Charge: -4°F (-20°C) to 131°F (55°C) Discharge: -4°F (-20°C) to 149°F (65°C)	<b>IP Rating</b>	IP54
		<b>Dimensions (L x W x H)</b>	50.4 x 81.9 x 60.2 (1280 x 2080 x 1530) inch (mm)
		<b>Weight</b>	~1700 kg (3748 lbs)
		<b>System Configuration</b>	Each system is configured to meet your requirements and as such specifications can vary.



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