Stacked Energy Storage Charging System

Control module

Battery module

Battery charger

Stacked emergency mobile EV charging system is the perfect solution for roadside or remote electric vehicle resuce when the battery runs out. Installing emergency mobile EV charging system on the vehicle breaks space limitations and allows rapid deployment without infrastructure. It is ideal for fleet operators, car dealers, and other business and is compatible with all elcectric vehicles, and provides DC fast charging.

Product features

- 11.52KWh battery capacity and 20kW DC single gun for fast charging

- Modular design and portable

- Level 2 recharging and fast discharging to EV, support recharge by 110v-240v home grid power

- 30 mins charge to car can run around 50miles

⊟ Specifications

Category	Item	Technical Parameters
Battery	Battery Pack Capacity	11.52kwh LifePO4
	Battery Pack Voltage	192V
	Maximum charging current (A)	42A
Charging gun	Output power of charging gun (kW)	DC 20kw
	Cable length of the charging gun	5 meter
	Output current of charging gun (A)	0-42A
	Voltage range of charging gun(V)	DC200V-530V
	DC Charging gun	CCS1,CCS2 and GBT optional
Battery charger	Input voltage range	90Vac ~ 280Vac(L/N+PE single phase)
	AC input current	0 ~ 16A
	Output power	AC 110V single phase - 2.2KW AC 220V single phase - 4.4kw
Basic parameters	Start method	Manual operation only
	Operating temperature range (℃)	-10 ~ 60℃
	Storage temperature range (℃)	0 ~ 40℃
	Storage ambient humidity (RH)	5% ~ 95%
	Working environment humidity (RH)	≤85%
	Protection class	IP54
	Cycle Life	≥ 4000 times (80% DOD)
	Refrigeration mode	Air-cooling
	Displaying interface	4.3 inches
	Control module size	550*370*171mm
	Battery module size (L*W * H)	639*361*160mm
	External dimension(in total)	641*361*970mm
	Control module weight	33kg
	Battery module weight	39.6kg
	Battery Charger weight	19.2kg
	Housing Material	Aluminium shell