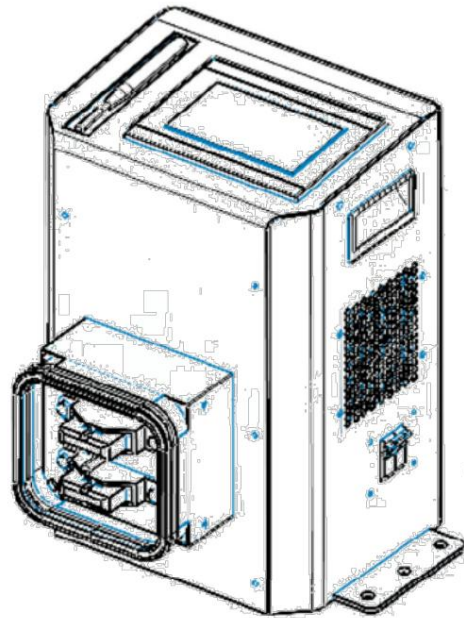


Eh-4850-S1-178.5-0 无伸缩刷板刷块充电桩



Features:

Superior Energy Saving: Up to 93% conversion efficiency , intelligent sleep technology reduces standby power consumption;

Superior Performance: Brush-board docking mechanism, wide operating temperature range of 0°C to 40°C;

Safety Protection: Multiple safety protection measures including output short circuit/over voltage/battery under voltage/battery reverse polarity/over temperature protection;

Human-Machine Interaction: Touchscreen with a user-friendly interface, allowing real-time viewing of charger data and alarm information;

Charging Method: Supports automatic charging;

Network Communication: Wi-Fi network communication;

Easy Transportation: Lightweight design and compact size facilitate

Application scenarios:

AGV automatic charging application (brush plate/brush block docking method).

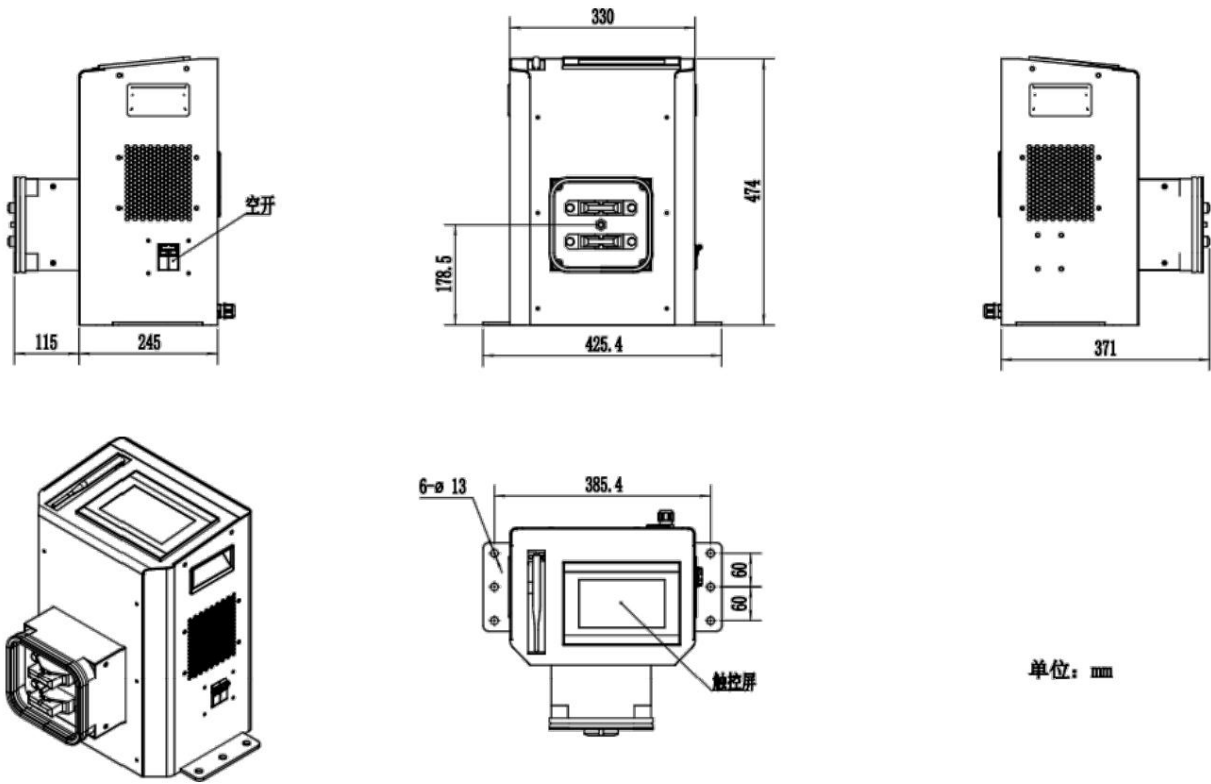
Technical parameters

model		Eh-4850-S1-178.5-0	
Basic parameters	External dimensions: H (Height) × W (Width) × D (Depth)	371*425.4*474	mm
	Charging method	Automatic charging	
	Input voltage range	90~265Vac	Vac
	Input frequency range	50/60Hz ±5Hz	HZ
	Output voltage range	32~64	Vdc
	Output current range	1~50	A
	Maximum power W	3000	W
	Brush block center height from the ground	178.5	mm
	Spacing between positive and negative electrodes of the brush block	60	mm
	Heat dissipation method	Forced air cooling	
	Human-computer interaction methods	Touchscreen (7-inch)	
	indicator lights	none	
Output/Output interface	Input Interface	16A AC power cord (3m length)	
	Automatic charging output interface	50A copper secondary brush block	
	Manual charging port	none	
Protection function	Output overcurrent protection	Output current > 110% of current limit , self-recovery in 10 seconds.	
	Output short circuit protection	Module self-test, restart after protection	
	Output undervoltage protection	Output voltage < 32Vdc, self-recovery	
	Output overvoltage protection	If the output voltage is greater than 68Vdc, the system will lock up and require a power cycle.	
	Input undervoltage protection	Input voltage <90Vac, self-recovery after voltage returns to normal.	
	Input overvoltage protection	Input voltage > 265Vac, self-recovery after voltage returns to normal.	
	Over-temperature protection	The temperature drops above 45℃ and recovers after the temperature returns to normal.	
communication	Communicating with BMS	none	
	WiFi communication interface	Communicating with the higher-level scheduling system	

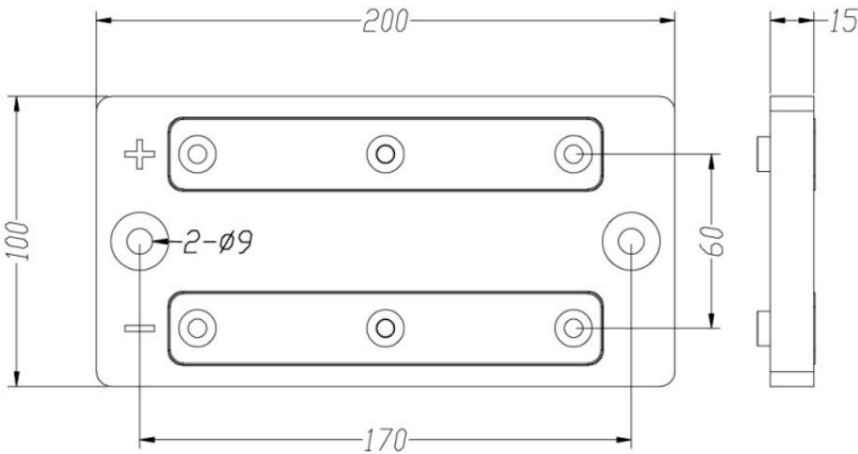
environment	Charging operating temperature	0~40 (Customization required for cold storage environments)	ÿ
	Humidity of charging working environment	20 ~ 95% RH non-condensing	
	Storage temperature and humidity	-40 ~ +70℃, 10 ~ 95% RH non-condensing	
	Temperature coefficient	±0.05%/℃ (0 ~ 50℃)	
	Vibration resistance	10 ~ 500Hz, 2G, 10 minutes/ cycle X, Y, Z 60 minutes each on the axis	

The parameters listed above are data obtained under ideal conditions;

Outline dimensions drawing:



Vehicle-end brush plate size diagram:



车端

Input interface:

3kw Single-phase charger: 10A input, GB-standard power cable specifications.
3kW单相充电机输入10A国标电源线缆规格



相位	线缆规格	备注
L1	1.5mm ²	
L2		
L3		
N	1.5mm ²	
PE	1.5mm ²	