

Eh-4850-C1-130 智能充电机



Functional Features:

- Outstanding Energy Efficiency: Features a peak conversion efficiency of 93% and intelligent sleep technology to minimize standby power loss;
- Superior Performance: Equipped with a floating docking mechanism to increase fault tolerance; supports a wide operating temperature range from 0° C to 40° C;
- Safety Protection: Provides multiple safety measures, including protection against output short circuits, overvoltage, battery undervoltage, reverse polarity, and over-temperature;
- Human-Machine Interface: Features a touchscreen with a user-friendly interface for real-time monitoring of charger data and alarm information;
- Charging Modes: Supports both automatic and manual charging modes;
- Network Communication: Equipped with Wi-Fi network communication;
- Ease of Transport: Features a lightweight design and compact dimensions for easy transportation and handling

Application Industry:

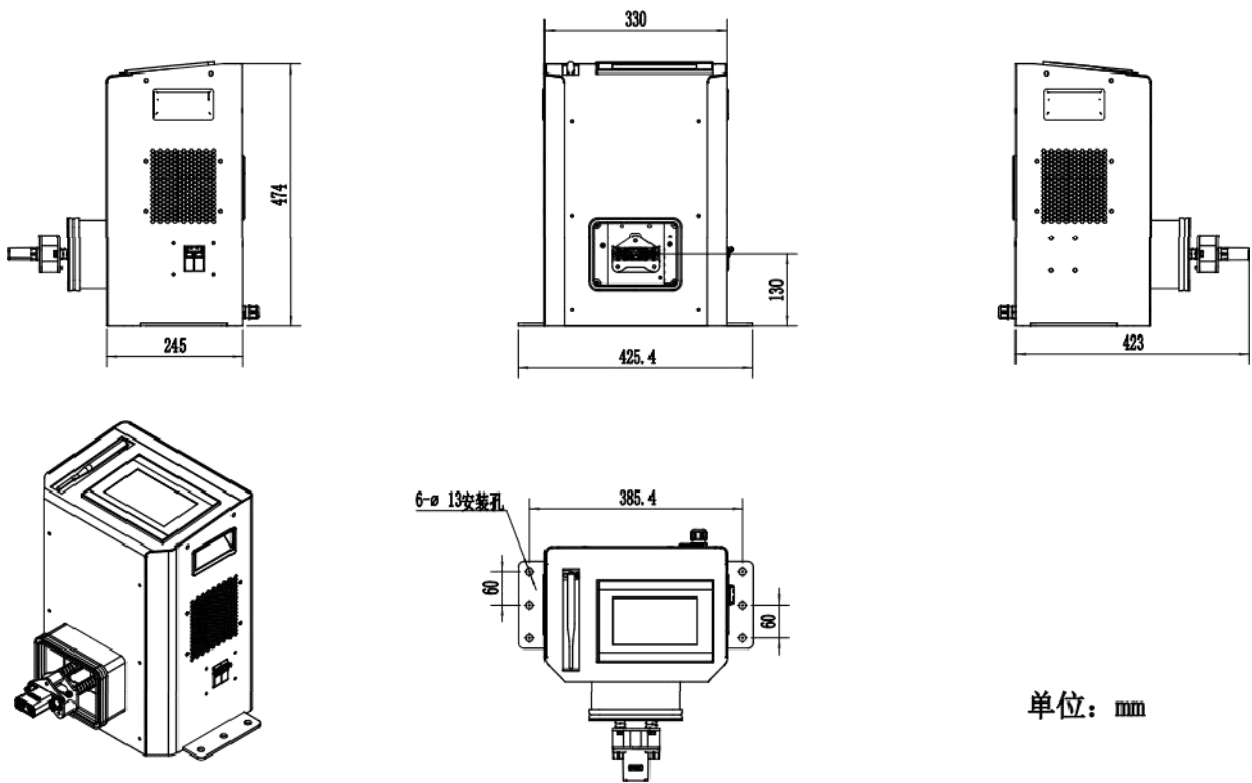
AGV Automatic Charging Applications;

Technical Specifications

Model		Eh-48-50-C1-130	
Basic Specifications	Dimensions: L*W*H	447 × 436 × 490	mm
	Charging Mode	Automatic / Manual Charging	
	Input Voltage Range	90~265 Vac	Vac
	Input Frequency Range	50/60HZ ± 5HZ	HZ
	Output Voltage Range	32~64 Vdc	Vdc
	Output Current (A)	Max. 50A	A
	Maximum Power (W)	3000	W
	Charging Curve	Custom	
	HMI/Interaction Method	Touchscreen	
Protection Function	Output Short Circuit Protection	Constant current limiting; the charger shuts down after 5 seconds and recovers after a restart	
	Overvoltage Protection	Shuts down and locks output voltage at 82-100V; recovers after a restart	
	Battery Reverse Polarity Protection	Internal reverse detection protection with no damage; recovers after fault removal and restart	
	Over-temperature Protection	Shuts down output voltage; recovers automatically once the abnormal condition is removed	
Other Features	Communication Mode	RS485 (For BMS communication)	
	Wi-Fi Interface	For communication with the host system	
	Human-Machine Interaction	Touchscreen	
	Display Screen	7-inch Touchscreen	
Environment	Operating Temperature	0 to 40° C (Customization required for cold storage environments)	°C
	Operating Humidity	20% to 95% RH, non-condensing	
	Storage Temp. & Humidity	-40 to +85°C, 10 to 95% RH, non condensing	
	Temperature Coefficient	± 0.05%/°C (0 ~ 50°C)	
	Vibration Resistance	10 to 500Hz, 2G 10 min/cycle; 60 min each for X, Y, and Z axes	

✧ The parameters listed above are data obtained under ideal conditions;

Outline Dimensions Drawing :



单位: mm