

THREE-PHASE FOUR-WIRE INDUSTRIAL BATTERY INTEGRATED HIGH-FREQUENCY INTELLIGENT CHARGER



The three-phase four-wire industrial battery integrated high-frequency intelligent charger series is composed of discrete power devices, which are suitable for charging various electric energy storage media such as lead-acid batteries, power-type lithium batteries, and super capacitors. This series of chargers are sturdy and durable, with strong impact resistance. The structure adopts air duct isolation design, and the protection level of electronic devices is high, which effectively guarantees the safety and stability of the product.

Feautres



EFF>95%



Global Certification



ZVS+MOSFET



Current Accuracy $\pm 0.5\%$



Air Duct Isolation



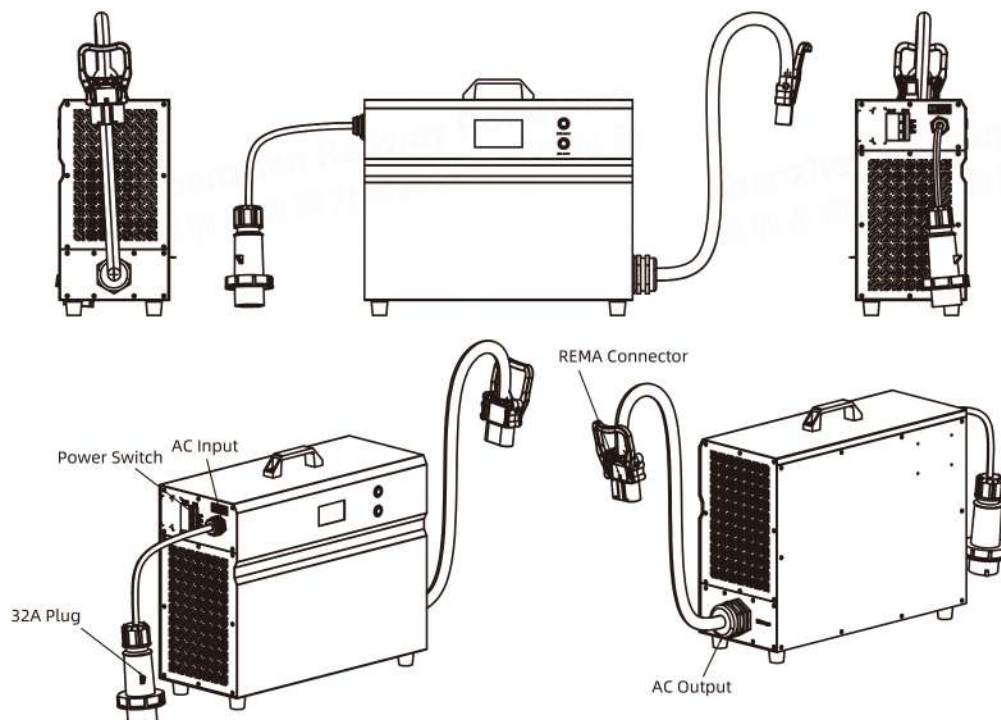
LED Screen



RS485 / CAN



Lightweight

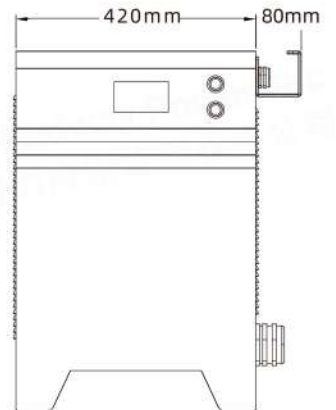
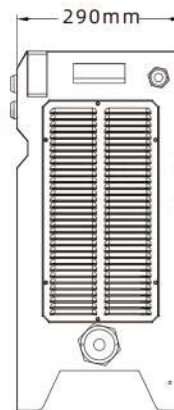
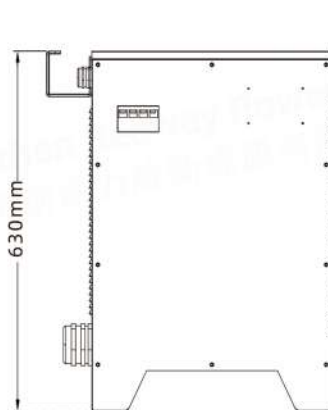


SPECIFICATIONS

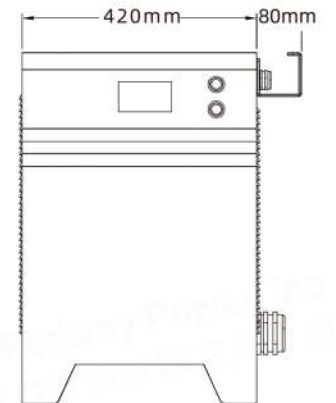
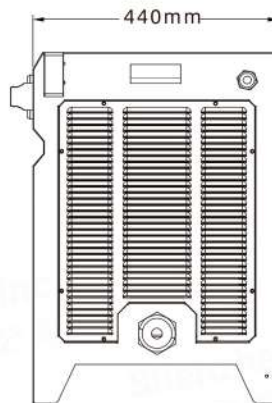
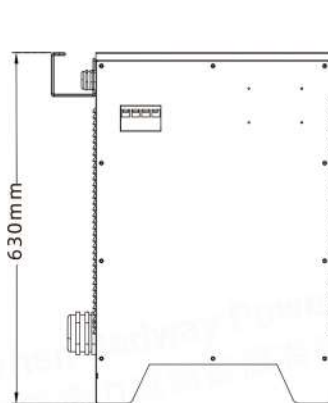
型号 Model	ADY6807	ADY6808	ADY6809	ADY6811	ADY6811	ADY6812	ADY6812	ADY6813
输出电压 Output Voltage	24V	48V	80V	48V	80V	48V	80V	48V
输出电流 Output Current	200A	100A	60A	150A	100A	200A	100A	200A
输出功率 Output Power	6KW	6KW	6KW	9KW	9KW	12KW	9KW	12KW
型号 Model	ADY6814	ADY6815	ADY6816	ADY6817	ADY6818	ADY6822	ADY6847	
输出电压 Output Voltage	80V	80V	80V	48V	80V	80V	48/80V	
输出电流 Output Current	120A	130A	150A	300A	200A	300A	300A 双枪	
输出功率 Output Power	12KW	12KW	12KW	12KW	16KW	24KW	12/24KW	
输入电流 Input Current	30A							
额定输出电流 Rated Output Current	220A							
输入电压 Input voltage	380Vac±10%							
频率范围 Frequency Range	47-63Hz							
转换效率 Efficiency	≥95%							
负载调整率 Load regulation rate	±0.5%from 10% to 100%load							
电流精度 Current Precision	±1%+0.5%FS							
电压精度 Voltage Precision	±0.5%+0.2%FS							
纹波电压 Ripple Voltage	≤±1%Vo 峰峰值, 20MHzbandwidth,							
时间精度 Time Precision	≤±10S/24h							
充电精度 Charging Precision	电压/0.01V 电流0.1A Time/1S							
BMS供电 BMS Power Supply	DC 12V/24V 3Amax(BMS供电)							
保护功能 Protection Function	OTP过温、OVP过压、OCP过流、Short短路、反接							
连接器 Connector	安德森/国标充电枪/REMA/客户定制 Anderson Connector/National Standard Charging Gun/REMA/Customer							
通讯方式 Communication Method	RS485、RS232、CAN Bus可选							
无故障间隔时间 MTBF	80000H							
安全规范 Safey	符合CE,IEC62477标准设计							
显示 Dispaly	LED/LCD/触摸屏							
散热方式 Cooling	风扇主动冷却							
工作/储存温湿度 Working/Storage Temperature And Humidity	工作: -20℃至65℃, >40℃时降低功率, 20-90%RH无冷凝。 储存: -40℃至85℃, 10-95%RH无冷凝							

THREE-PHASE FIVE-WIRE INDUSTRIAL BATTERY CLASSIC HIGH-FREQUENCY INTELLIGENT CHARGER

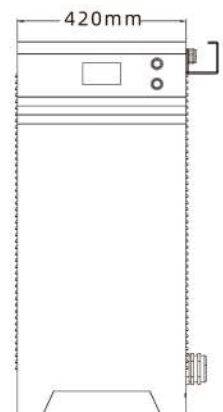
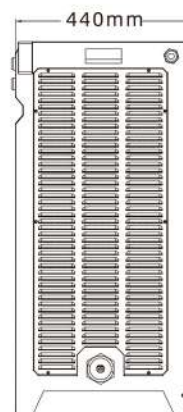
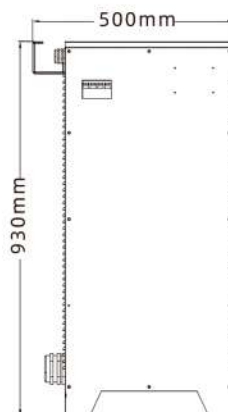
6-9kW 结构尺寸 6-9kW structure size



12-18kW 结构尺寸 6-9kW structure size



21-30kW 结构尺寸 21-30kW structure size



SPECIFICATIONS

输出电压 Output voltage	输出功率 Output Power	6kW	9kW	12kW	15kW	18kW	21kW	24kW	27kW	30kW
24Vdc (18-30Vdc)	型号 Model	ADY6107	ADY6110	ADY6124	ADY6125	ADY6126	ADY6127	ADY6129	ADY6131	ADY6133
	输出电流 Output current	200A	300A	400A	500A	600A	700A	800A	900A	1000A
48Vdc (30-60Vdc)	型号 Model	ADY6108	ADY6111	ADY6113	ADY6115	ADY6117	ADY6128	ADY6130	ADY6132	ADY6134
	输出电流 Output current	100A	150A	200A	250A	300A	350A	400A	450A	500A
80Vdc (40-100Vdc)	型号 Model	ADY6109	ADY6112	ADY6114	ADY6116	ADY6118	ADY6119	ADY6120	ADY6121	ADY6122
	输出电流 Output current	60A	90A	120A	150A	200A	210A	240A	270A	300A
120Vdc (60-132Vdc)	型号 Model	ADY6123	ADY6136	ADY6137	ADY6138	ADY6139	ADY6140	ADY6141	ADY6142	ADY6143
	输出电流 Output current	50A	75A	100A	125A	150A	175A	200A	225A	250A
模组数量 Number of modules		2	3	4	5	6	7	8	9	10
额定输入电流 (三相总电流) Rated input current (three-phase total current)		30A	45A	60A	75A	90A	105A	120A	135A	150A
额定输入电压 Rated input voltage		110/208Vac(降额应用), 220/380Vac								
输入电压范围 Input voltage range		110/208 (±20%) Vac(降额应用), 220/380 (±20%) Vac								
输入频率范围 Input frequency range		47-63Hz								
转换效率 Conversion efficiency		≥93%(max)								
功率因数 Power factor		≥0.99 @full load								
THDI		≤5%@≥50%load								
负载调整率 Load regulation		±0.5%@10%-100% load								
电压精度 Voltage accuracy		±0.5%+0.2%FS								
电流精度 Current accuracy		±1%+0.5%FS								
时间精度 Time accuracy		≤±10s/24h								
BMS充电 BMS charging		DC 12V/24V 3Amax(选配)								
保护功能 Protective function		OVP过压、OCP过流、OPP过功率、OTP过温、UVP欠压、SCP短路、RCP反接								
连接器类型 Connector type		安德森/国标充电枪/REMA/客户定制 Anderson Connector/National Standard Charging Gun/REMA/Customer								
通讯方式 Communication method		RS485、RS232、CAN、Wifi (选配)								
平均无故障间隔时间 MTBF		100000H								
散热方式 Cooling method		风扇主动散热								
工作/储存温湿度 Work/store temperature and humidity		工作: -20℃至65℃, >40℃时降低功率, 20-90%RH无冷凝。储存: -40℃至85℃, 10-95%RH无冷凝								
结构尺寸 Structure size		420mm*290mm*630mm			420mm*440mm*630mm			420mm*440mm*930mm		