

PCHG-AS3300 规格书 (specification)

Water proof charger with PFC

此系列充电机外壳采用一体化压铸结构；机器内部采用灌胶工艺；适用于富液铅酸电池、密封（胶体）铅酸电池、锂电池、镍氢电池、镍镉电池等；可用于电动轿车、电摩、观光车、巡警车、叉车、通讯、电力、船舶等电池组循环充电或者浮充电。

The shell of this series of chargers adopts integrated die-casting structure; the inner part of the charger adopts glue-filling process; it is suitable for flooded battery, sealed (VRLA gel) lead-acid batteries, lithium batteries, NI- MH batteries, NI- CD batteries, etc. It can be used for cyclic charging or floating charging of battery packs of electric cars, motorcycles, sightseeing cars, cycle charging cars, forklifts, communications, electric power, ships, etc.

电池组额定电压 Rated voltage of battery pack	输出电压范围 Range of output voltage	输出电流范围 Range of output current	典型效率 Typical efficiency
48V	0~65V	0~60A	≥92%
72V	0~96V	0~40A	≥92%
108V	0~130V	0~30A	≥93%
144V	0~180V	0~22A	≥93%
360V	0~440V	0~9A	≥94%

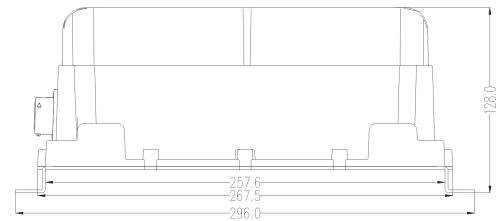


Technical parameter

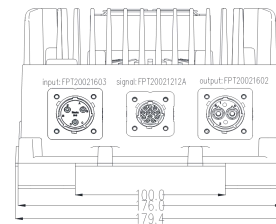
1. 额定输入电压范围 Rated input voltage range: 90V-265VAC; 50Hz
2. 启动冲击电流 Inrush current: ≤16A
3. 输入功率因数 Input Power factor: ≥ 0.99 (@220Vin, P_{omax})
4. 噪声 Noise: ≤60dB
5. 防护等级 Grade of waterproof: IP67 (不含风扇 without fan)
6. 重量 Weight: 6Kg ± 0.3Kg
7. 工作温度 Operating temperature: -40~85℃
8. 存放温度 Storage temperature: -40~95℃
9. 兼容新国标 CC, CP 接口。充电部分采用 CAN 总线控制，CAN 通讯遵循 SAE J1939 协议，波特率 250kbps，充电机 CAN 总线电路没有终端电阻。

Compatible with new national standard CC, CP interface. The charging part is controlled by CAN bus. The can communication follows the SAE J1939 protocol. The baud rate is 250kbps. The charger can bus circuit has no terminal resistance.

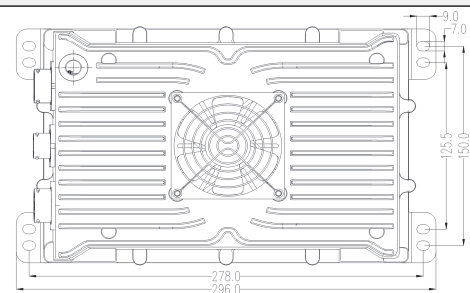
主视图 Main view



左视图 Left view



俯视图 Top view



Unit:mm



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保护特性 Protection	过压保护 Over voltage protection	输入过压关机可自恢复，输出过压关机锁死。 The input overvoltage shutdown can be self recovered, and the output overvoltage shutdown is locked.
	欠压保护 Under voltage protection	输入欠压关机可自恢复，输出欠压关机可自恢复 Input under voltage shutdown can be self recovered, output under voltage shutdown can be self recovered.
	短路保护 Short circuit protection	输出短路关机，可自恢复 Output short circuit shutdown, self recovery.
	过温保护 Over temperature protection	当散热片温度高于 75℃时降低输出功率，当温度高于 85℃时断开电路，待充电温度恢复至 75℃以下时充电机恢复输出 When the temperature of radiator is higher than 75 °C, the output power will be reduced. When the temperature is higher than 85 °C, the circuit will be disconnected. When the charging temperature is lower than 75 °C, the charger will resume output.
	反接保护 Reverse connect protection	输出反接通电不启动，报警，恢复后正常工作 The output is reversely connected, the power does not start, the alarm is given, and it works normally after recovery.
	电位均衡和接地保护 Equilibrium potential and ground protection	车载充电机中人体可直接触及的可导电部分与电位均衡点之间的电阻不大于 0.1Ω。车载充电机接地点应有明显的接地标志 In the car charger, the resistance between the conductive part that can be directly touched by the human body and the potential equalization point is not greater than 0.1 Ω .The ground point of on-board charger shall have obvious grounding mark.
	断电保护 Power-off protection	异常状态切断电源 Abnormal state cut off the power