

## 充电系列 Charging Series



过载保护



短路保护

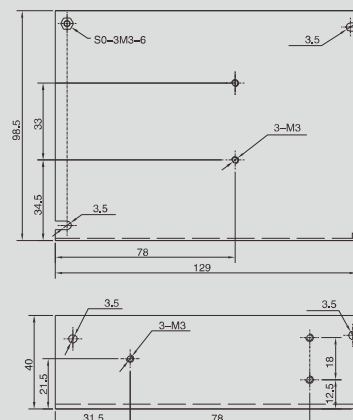


电池反充保护

### 20W 单路充电电源 (230V AC输入) 20W Single Output (230V AC input only)

Size (L\*W\*H):  
129mm x 98mm x 40mm

CE



### 产品特性

230Vac输入  
通电指示灯  
金属外壳  
过载 / 短路保护  
电池反充保护  
1年质保

### Product features

230Vac input only  
Power on indication  
Metal case  
Protections: Overload / Short circuit  
Battery reverse charge protection  
1 year warranty

### 技术特性

输入电压 195~253Vac  
输入频率 50~60Hz  
冲击电流 40A@230Vac 满载冷态  
保持时间  $\geq 20\text{ms}$ @230Vac 满载  
过载保护 300% 额定输出功率  
运行温度  $-20^{\circ}\text{C}$ ~ $40^{\circ}\text{C}$   
安全标准 EN60950, GB4943-2001  
EMC标准 EN55022 Class B, EN55024  
绝缘标准 I/P-O/P: 1.5kVac, 1min  
I/P-FG: 1.5kVac, 1min  
O/P-FG: 0.5kVac, 1min  
重 量 0.37kg/pcs

### Specifications

Input voltage 195~253Vac  
Input frequency 50~60Hz  
Inrush current 40A@220Vac full load cold start  
Hold up time  $\geq 20\text{ms}$ @230Vac full load  
Overload protection 300% of the rated output power  
Operating temperature  $-20^{\circ}\text{C}$ ~ $40^{\circ}\text{C}$   
Safety standard EN60950, GB4943-2001  
EMC standard EN55022 Class B, EN55024  
Withstand voltage I/P-O/P: 1.5kVac, 1min  
I/P-FG: 1.5kVac, 1min  
O/P-FG: 0.5kVac, 1min  
Weight 0.37kg/pcs

P/N 产品型号	Output 输出	R & N 纹波 & 噪声	Effi. 效率	Load Regulation 负载调整率
ESP-20-13.8	13.8V, 1.5A	140mV	78%	$\pm 1\%$

基板电源一般应用于定制需求，如结合客户的整机内置空间进行产品设计。从产品交付和价格考虑，建议您选用我们手册中的标准品。同时，我们也接受定制需求。

Open frame power is commonly made to meet custom needs, such as dimension to fit the internal space of clients' machine. Considering the delivery and price, we suggest you to use standard ones in our manual. Meanwhile, we also accept customization.