

ESP-20-13.8A ESP-20-27.6A

Power supply with charging function
20 W Single output(Full range input)



Product features:

- AC input/ full range
- Power on indication
- Cooled by air convection
- Protection for deeply discharged battery
- Metal case, small size, charging in limited current
- Open frame models available:102mmx60mmx40mm
- 100% full load burn-in test
- One year warranty
- Protections: Overload/ Short circuit

Approval:CE



Size(LxWxH): 105mmx78mmx37mm

Specifications:

AC input voltage	100VAC~240 VAC
Input frequency	47~63Hz
Input current	0.65A/220VAC
Inrush current	40A@220VAC
Hold up time	20 ms at 120VAC
Overload protection	105%-180%
Operating temperature	0 to 40°C
Safety standards	GB4943-2001 EN60950
EMC standard	EN55022
Withstand voltage	I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min
Connection	I/P: JTB552-00-1-05-3-M9 O/P:JTB552-00-1-02-3-M9
MTBF	10 ⁵ hours at 25°C
Weight	0.3Kg/pcs (External case type) 0.18Kg/pcs (PCB type)



Fig. 1 connections

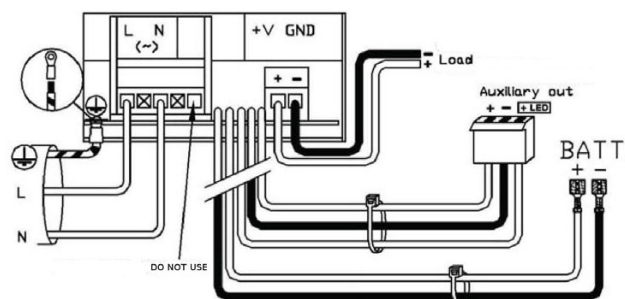
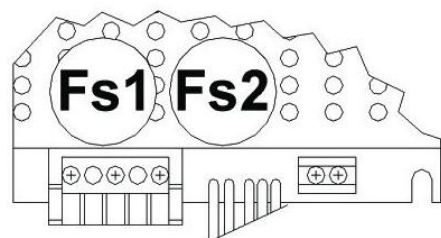


Fig. 2 Fuses



P/N	DC Output	Charger O/P	Battery Capacity	Tol.	R&N	Effi.	Load Regulation	Line Regulation
ESP-20-13.8	13.8Vdc 0~1.5A	13.8Vdc 6.3A Fuse	12V 7Ah	+/-2%	140mV	75%	+/- 2%	+/- 1%
ESP-20-27.6	27.6Vdc 0~0.75A	27.6Vdc 6.3A Fuse	2x12V 4Ah	+/-2%	240mV	80%	+/- 2%	+/- 1%