

ESP-140-13.8
ESP-140-27.6

STONTRONICS
 THE POWER TO SUPPLY

Power supply with charging function
140 W Single output (230V AC input only)

Product features:

- 230VAC input only
- Power on indication
- Short Circuit Protected Charging
- Protections: Overload/Short circuit
- Battery reverse charge protection
- 100% full load burn in test
- One year warranty



Approval:CE



Size(LxWxH): 200mmx110mmx50mm

Specifications:

AC input voltage	195~253VAC
Input frequency	50/60Hz
Inrush current	40A@230VAC
	full load cold start
Hold up time	20 ms at 230VAC,full load
Overload protection	300% I _o
Operating temperature	0 to 45°C
Storage temperature	-20 to 70°C
Operating humidity	5%~90% RH, non-condensing
Safety standards	EN60950 EN501301-4 EN50081 EN54-4:1997
EMC standard	EN55022
Withstand voltage	I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min No damage Cutout current:10mA max
MTBF	10 ⁵ hours at 25°C
Connection	I/P:DG128 three position insulated terminal block O/P: DG128 two position insulated terminal block
Weight	0.9Kg/pcs



Fig. 1 connections

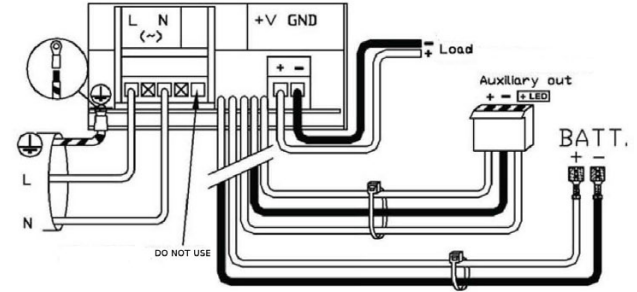
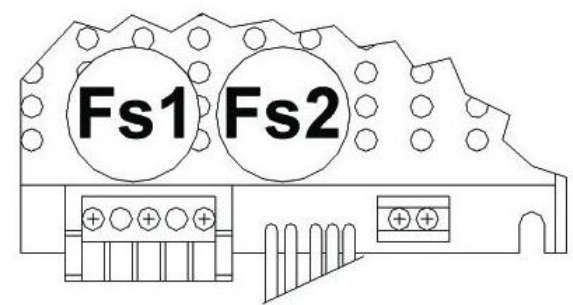


Fig. 2 Fuses



P/N	DC Output	Charger O/P	Battery Capacity	Tol.	R&N	Effi.	Load Regulation	Line Regulation
ESP-140-13.8	13.8Vdc 0~10A	13.8Vdc 6.3A Fuse	12V 42Ah	+/-2%	120mV	76%	+/- 2%	+/- 1%
ESP-140-27.6	27.6Vdc 0~5A	27.6Vdc 6.3A Fuse	2x12V 17Ah	+/-2%	240mV	80%	+/- 2%	+/- 1%