

Datasheet

140W Enclosed Power Supply With Battery Charging Function



Features:

- High efficiency, long life and high reliability
- 3 Year Warranty
- 230VAC Input
- Short Circuit Protected Charging
- Protections: Overload/Short Circuit
- CE Approved

The 140W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 2 models with outputs of either 13.8v or 27.6v. Each model is approved to CE and come with a three year warranty.

Size(L×W×H): 200mm×110mm×50mm

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	0.9Ka/pcs



Fig. 1 connections

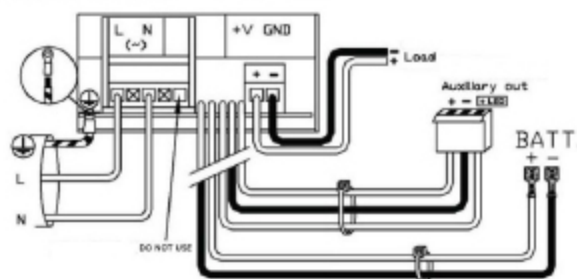
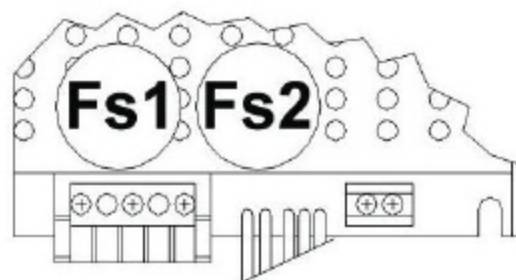


Fig. 2 Fuses



RS Stock Code	DC Output	Charger O/P	Battery Capacity	Tol.	R&N	Effi.	Load Regulation	Line Regulation
161-8267	13.8Vdc 0~10A	13.8Vdc 6.3A Fuse	12V 42Ah	+/-2%	120mV	76%	+/- 2%	+/- 1%
161-8268	27.6Vdc 0~5A	27.6Vdc 6.3A Fuse	2x12V 17Ah	+/-2%	240mV	80%	+/- 2%	+/- 1%