

## Product Data Sheet: 300/12 Series 12 Volt Power Supply Units

### Description

The 300/12V range of Power Supply Units has been specifically designed for general purpose applications including Access Control and CCTV that require a cost effective solution without the need for special features that can be found on our other ranges of Power Supplies. It will provide 13.8Vdc at the nominated current.

The units are factory adjusted to provide a 13.8Vdc output. When fitted, a lead acid rechargeable battery can be charged and then trickle charged to maintain optimum condition.

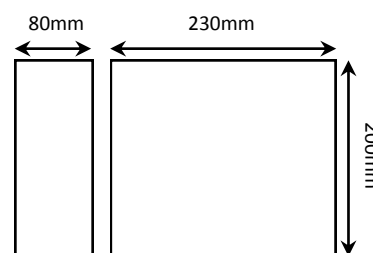
Local indicators include the mains present indicator in a green LED and the amber LED pulses during battery standby operation. An output fault, output or battery fuse fault is indicated via the ref LED. A further red LED on the PCB shows battery fuse failure.

The 300 series power supply is supplied within a sturdy 1.2mm powder coated steel enclosure with a hinged lid finished in white with anti-tamper switch and have been designed for rapid installation.

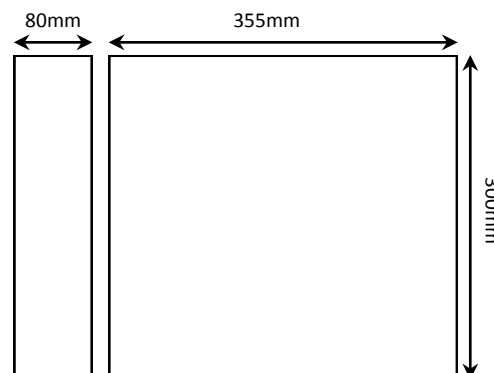
All carry the CE mark and conform to EN60950-1:2006, EN50130-4:1995 and EN55022:2006.



### Dimensions



300/1/12V & 300/2/12V



300/3/12V & 300/5/12V

### Technical Information

Part No.	300/1/12V	300/2/12V	300/3/12V	300/5/12V
Supply Voltage:	230V + 10%, 50 - 60Hz			
Load Output @ 13.8Vdc:	1A	2A	3A	5A
Load Regulation:	5%			
Max Output Ripple:	50mV			
Maximum Battery Size:	1 x 7Ah		1 x 17Ah	
Battery Recharge Time:	80% Capacity - 24 hours			
Temp Range:	- 10°C to 40°C			
Relative Humidity:	Up to 95%			
Output Fuse Rating:	1.6A	2A	3.15A	5A
Weight:	2500g	3000g	5300g	5700g
Batteries Not Supplied				

### Connection

LOAD +           + ve voltage O/P to load equipment  
 LOAD -           - ve voltage O/P to load equipment  
 BATT + and -    Red and black leads to standby battery

**NOTE: THIS PRODUCT MUST BE EARTHED.**

Connect load to LOAD terminals.

Connect sealed lead acid batteries to BATT terminals observing correct polarity.

This unit must be used with dc appliances only.