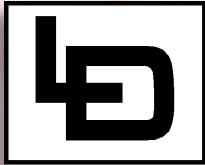


Process Division



Lee-Dickens Ltd

Instrument Power Supplies

UPS100™

12Vdc Uninterruptible Power Supply



LED indication Mains Status.
Easy access screw terminals.
Convenient din rail mounting.



Open collector outputs for monitoring Mains Fail and Battery Low.



Provides a charge circuit to an external 12v lead acid battery.



UPS100 can power signal process instrumentation, Remote Terminal Units, PLCs.

“A compact, din-rail mounted UPS providing an uninterruptible 12V dc supply”

Product Details

The 9300 series UPS100 is a nominal 12 Volt dc uninterruptible power supply unit capable of sourcing 2.0A. The UPS100 will isolate and convert 115 Volts ac or 230 Volts ac 50/60Hz to 12 Volts dc for use with any 12 Volt dc powered devices requiring a battery backed supply.

The ac input is link selectable for either 115 Volts ac or 230 Volts ac.

A green LED visible via the front panel provides mains power indication.

The UPS100 is supplied in a high impact enclosure with easy access to screw terminations. The module is 35mm din-rail mountable.

The power supply can be used with or without an external battery as a convenient DIN rail mounted supply. The UPS is designed for infrequent battery use. The charge current is small and so the battery charges slowly so it may not be applicable for systems that have regular power outages.

The UPS100 is not supplied with a *battery. It has an inbuilt battery charging circuit capable of charging an external 12 Volt dc battery. The battery charging connections are available via screw terminals at the front of the module. The unit switches over from mains to battery power with zero cross-over time.

There are two open collector outputs that enable the monitoring of Mains Failure and Battery Status Low. The outputs can be wired into a local or remote monitoring system such as an audible alarm unit, Remote Terminal Unit or PLC.

Technical Specification

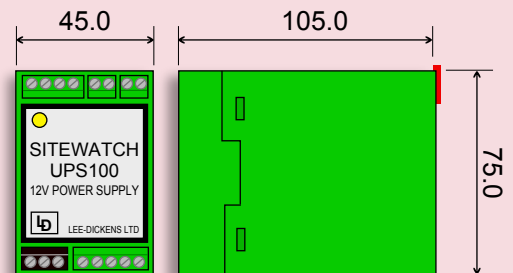
Series	9300
Model	UPS100
Line Voltage	115/230V ac
User Output Voltage	(15 to 18V dc) nominal 12V dc
Battery Charge Volts	13.6V dc
230 Volts ac	Output: 12 to 18V dc (source 2.0 A) 35W
115 Volts ac	Output: 12 to 18V dc (source 2.0 A) 35W
Battery supply (dc)	Output: 12V dc (source 2.0 A, dependent upon battery in use)
Internal Fuse	315 mA (20 mm Slow Blow)
Monitoring:Output 1	Open Collector: Mains Fail
Monitoring:Output 2	Open Collector: Battery Low
Unit Weight	711g (25 oz)
Dimensions (mm)	45.0 x 75.0 x 105.0

The UPS100 can be used with:

- Trip Amplifiers
- Signal Process Instrumentation
- PLCs
- Remote Terminal Units

*External batteries can be supplied, contact sales@lee-dickens.co.uk for prices.

Visit www.lee-dickens.com to see our range of **Power Supplies, Trip Amplifiers, Signal Conditioning, Sensors and SIL Rated Instruments.**



Dimensions mm

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