

UPS800 Series

AC/DC DC UPS 12V 24V 36V 48V 75W - 600W



Features

- Universal input: 90 ~ 264VAC
- DC Output: 12V, 24V, 36V or 48V
- AC input via IEC socket
- Screw terminal connections for DC / Batt & Alarms
- AC Fail Alarm
- Charger Fail Alarm
- Battery Low Alarm
- Battery Open Circuit Alarm
- Low Voltage Disconnect to protect battery

Specifications

Input Voltage	90 ~ 264VAC (150W models: 110/230VAC select)
Frequency	47~63Hz
Power Factor	0.95 at nominal input
Input Current	Model dependent
Efficiency	Model dependent typically 85%
Output Voltage	Nominal: 12Vdc, 24Vdc, 36Vdc, 48Vdc
Output Power	75 – 600 watt
Ripple & Noise	< 1%
Line Regulation	< 1%
Load regulation	< 3%
Temp Coefficient	0.02% per °C
Overload protection	Battery Output: Constant current limiting Load Output: Fuse
Over voltage protection	OVP will shutdown unit. Recycle AC power after 30 seconds to restart.
Parallel Operation	Yes (consult office for details)
Operating Temp	-10°C to +50°C at Full load Derate to 40% load at 70°C
Operating Humidity	10~90% RH (non Condensing)
Cooling	75 – 150W convection 200 -600W built in fan
Isolation	Input – Output: 3000Vac Input – Ground: 2000Vac Output – Ground: 500Vac

Description

The UPS800 series DC UPS Units are DC UPS units for DC backup applications. The UPS800series is built with a range of features & alarms, that allows the user a full analysis of the status of the system.

Aimed at commercial and industrial applications for reliability and simplicity of use. The product comes in two size packages that can be panel mounted or optional DIN mount.

The Alarms provide Voltage Free relay contacts, and has built in battery fuse.

Safety	Internal rectifier / charger modules EN60950-1, UL60950-1, EN50178
EMI	EN55001 / EN55022 Level B
Immunity	EN61000-4-2, -3, -4, -5, -6, -8, 11
Alarms	Power Fail (Voltage Free Contacts) Battery Low (Voltage Free Contacts) <ul style="list-style-type: none">• Battery low will only activate when input power not present
Connector	Input: IEC socket Output: Screw terminals Alarms: Screw terminals
Indicator	LED
Dimensions	75-300W: 243 x 130 x 78mm (L x W x H) 600W: 243 x 130 x 98mm

