

Fusion Power Supply in 12/13.8 or 24/27.6 VDC *c/w optional Battery Backup*

The Fusion rack mount power supply is suitable for 12/13.8 or 24/27.6VDC projects. It comes in a sturdy 2RU 19" rack mount enclosure, with mounting ears that can be used for rack or wall mount situations. There is an LCD on the front of the enclosure to display output voltage, battery voltage, current draw and internal temperature. The power supply has a built-in battery charger for SLA batteries and has been designed for optional internal battery or external battery option where longer back up times are required. When on standby battery backup, the power supply provides >1hr of uptime at full load. The power supply also has an intelligent cooling fan algorithm that only switches on when the internal temperature reaches threshold or maximum current is in use. The power supply provides screw terminals for output and external battery connections.



System Features

- 12/13.8 or 24/27.6VDC operation
- Front LCD to display:
 - Output Voltage
 - Battery voltage
 - Current Draw
 - Temperature
- Sturdy rack mount design
- Built in battery charger for SLA batteries
- Optional internal or external battery supply
- Greater than 1 hour of uptime at full load
- No sharp edges
- Battery Charging Current: 500mA, constant current
- Low Battery Cutoff:
 - 10VDC (13.8V model)
 - 20VDC (27.6V model)
- Dimensions: 2RU 19" rack 439x430x88mm (19x16.5x3.4")
- Weight: Approx. 11.8kg (26.0lb) with 2x batteries inside.
- Working Conditions: 0-50 °C (32-122°F)

Specifications

- Input: 110-240VAC 50/60Hz auto sense, 350W Max protected by internal fuse.
- Output:
 - 12A (12/13.8V model)
 - 6A (24/27.6V model)
 - Filtered and electronically regulated output.
- Short Circuit and thermal overload protection.
- External Connectors:
 - 12-way screw terminal block for DC output
 - 2-way screw terminal block for external battery option.
- Battery Support:
 - 1x 9Ah SLA (13.8V model)
 - 2x 9Ah SLA (27.6V model)

System Solutions

- Nurse Call Systems
- Security Systems
- Access Control Systems
- CCTV Systems
- Fire Interface Panels
- Building Management Systems
- Fusion Input/Output Modules
- Displays / Annunciators / Whiteboards
- Low Level Integration
- Police Station Duress Alert

Description	[Part Numbers]
12/13.8VDC Power Supply c/w opt. backup	[50-0001]
24/27.6VDC Power Supply c/w opt. backup	[50-0002]

Please contact PACTechnika for more information.