

New Product Release

OUTSIDE PLANT PRODUCTS



Bourns Releases New Outdoor Uninterruptible Power Supply (UPS)

Model U01 Series Compact (AC/AC)

and

Model U02 DC Series (AC/DC)

Riverside, California - November 10, 2015 - Responding to the communications industry requirements for dependable and comprehensive outdoor powering and backup systems, Bourns is pleased to announce the release of the Model U01 and U02 Series Outdoor Uninterruptible Power Supply (UPS) products. UPS products provide reliable power supply and backup for today's outdoor networks.

The Model U01 Series UPS is compact AC to AC and is offered in three power ratings (500 W, 840 W, and 1050 W) to satisfy a wide range of AC loads and backup requirements.

The Model U02 Series UPS is AC to DC and is offered in two power ratings for the 12 VDC models (60 W and 150 W) and two power ratings for the 24 VDC models (100 W and 150 W).

Both series offer built-in automatic input voltage regulation which enables a wide range of input fluctuations (96 VAC to 136 VAC), while maintaining constant output voltage, thus helping preserve battery life and unnecessary power drain.

If you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

Features

- All-weather NEMA 3R steel cabinet and conformal coating on all circuit boards helps to ensure long service life
- Temperature compensated three-stage charger improves reliability and performance
- Side or bottom hardwired connections
- Precise output current limiting permits start-up of inductive loads
- Built-in automatic voltage regulation enables a wide input voltage window to deliver power while minimizing unnecessary battery usage
- Internal bypass switch provides surge protected and regulated power if the UPS fails, thus helping to prevent unnecessary shutdown of equipment
- Connectorized internal circuit board assemblies for easy repairs
- LED indicators show status of load and batteries
- Remote monitoring and alarms with Normally Open (N/O) or Normally Closed (N/C) contacts
- Wide operating temperature, pure lead, gel batteries and an internal cooling fan help extend battery life and protect electronic components; optional battery heaters to help protect in -40 °C environments
- Quiet systems are ideal for use in locations with noise ordinances
- Pole or wall mounting options

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Benefits

- Listed per UL 60950
- Low voltage let-through surge protection performance
- Heavy-duty AC surge protection with noise filtering
- Compact sizes and flexible complete systems
- Replaceable batteries

Applications

- Powering and protection of outdoor communications infrastructures
- Wireless access points
- Perimeter surveillance, security/gate control systems
- LED traffic lights and roadway display systems
- Industrial remote terminal units
- Fiber to The Home/Business (FTTH/B)
- Gigabit-capable Passive Optical Networks (GPON)