

1500VA Tactical UPS 851 Series



1500VA TACTICAL UPS

DRS Pivotal Power's 1500VA Tactical Uninterruptible Power Supply (UPS) provides conditioned backup power to command, control, and communication equipment where a clean, reliable power supply is essential. The Tactical UPS provides 115VAC, 60 Hz single phase high quality output power using Type 1, 115 VAC supply conforming to MIL-STD-1399.

If input power is lost, or if the power quality is outside acceptable limits, the UPS system will seamlessly switch to the internal, hot swappable battery pack providing five minutes of backup (at full load) and upon restoration automatically revert to main's input power. The backup time can be extended to 30 minutes at half load with the addition of an external battery module.

Each Tactical UPS consists of internal power modules, control and communication circuitry, and an internal hot swappable battery pack. It's 3U height and 12.5 inches (317 mm) depth can accommodate both shallow and standard racks.

In addition to local audible and visual alarms, the Tactical UPS offers both dry contact and RS232 output signal allowing faults to be relayed to a remote monitoring location.

A front panel mounted OLED display provides real time unit status including voltage and current, battery charge level and fault messages.



1500VA TACTICAL UPS

ELECTRICAL INPUT

Voltage Range	85-265 VAC; 115 VAC nominal, single phase
Frequency	47-63 Hz
Connection	Terminal block - standard

ELECTRICAL OUTPUT

Voltage	115±2% VAC , single phase
Frequency	60 Hz ± 0.1 %
Power Quality	< 2% THD
Power Rating	1500 VA / 1350 W
Backup Time	5 minutes at full load with internal battery pack
Efficiency	90% at rated load
Output Connection	Terminal block

STATUS MONITORING

Display	OLED 256 x 64 display
Indicators	Bypass LED (Red)

COMMUNICATION

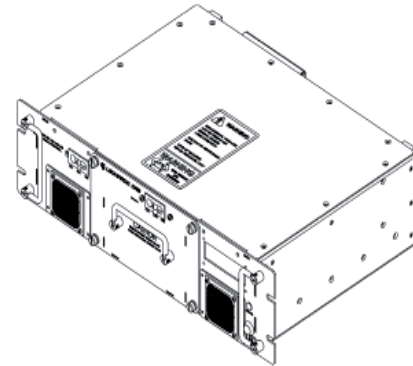
Signaling Interface	RS232
---------------------	-------

ENVIRONMENTAL

Operating Temperature	0°C to +55°C / 32°F to +131°F
EMI/EMC	MIL-STD-461F
Vibration	MIL-STD-167-1A, Type 1, 4 Hz to 33 Hz
Shock Resistance	MIL-STD-901D, Grade A, Class I
Humidity	MIL-STD-810G, 0-95%
Cooling	Forced air
IP Rating	IP-32

PHYSICAL CHARACTERISTICS

Dimensions	12.5 inches L x 17.5 inches W x 3U (317 mm L x 444 mm W x 3U)
Weight	30 kg (66 lbs) inclusive of battery
Mounting	Rackmounted configuration



AVAILABLE OPTIONS

External Battery Pack	2U external, hot swappable battery module providing 30 minutes of backup at 50% load
Bypass	Manual bypass Automatic internal bypass
Communication	Remote start/stop
Mounting	Slide rails and plates

ADDITIONAL INFORMATION

Part number	NSN	Description
851-01-01	6130-01-663-2797	Base model
851-00-02	6130-01-663-2796	Includes slide rails & plates
Cage Code	38370	