

STEED

Professional Grade and Industrial Power Supplies

Un-interruptible Power Supply (U.P.S) for stand-by emergency back-up.

STEED BN-UPS1212 is a power pack 12Volt DC UPS designed for emergency back-up to radio transceivers and/or electrical equipments that require continual power to be maintained online without interruption. In the event of AC power failure, the switch-over to the internal back-up 7AH battery is instantaneous and provides 20 Amp of emergency power to allow a 25 watt transceiver to continue emergency operation for over 3 hours based on a 20% transmit/receive duty cycle. A longer back-up duration can be achieved by the add-on of a 2nd internal 7AH battery or an external battery pack.

Features and Electrical Characteristics:

- ◇ Instant switch-over to back-up battery for immediate DC power supply upon occurrence of AC power failure.
- ◇ Trickle charge of back-up battery pack during normal operation.
- ◇ Audio and Visual LED indicator. GREEN for normal operation. RED to indicate AC power failure and that power is derived from back-up battery. FLASHING RED and BUZZER ALARM to warn of low battery condition (10.6V-10.9V DC).
- ◇ Automatic Low Voltage Disconnect and Shut-Down when back-up battery is drained to the point where only 10.3V DC is sensed at the output terminals. An Over-ride switch is provided, when pressed and held down, allows all useable power from within the battery source to be drained and used in the event of an emergency. (Note: Batteries may be permanently damaged by being re-engaged with this Over-ride button)
- ◇ Over Voltage Protection (OVP), Current Limit protection and Automatic Re-set Thermal shut-down.
- ◇ Highly regulated with low ripple and noise free output.
- ◇ Option to add on additional battery pack within the encasement and/or external battery for longer back-up duration.

Model	BN-UPS1212
Input Voltage	Selectable 115V or 230V AC
Input Power Rating	480 watts at full load.
Input Fuse Rating	4 Amp for 115V AC 2 Amp for 230V AC
Output Voltage	12V - 13.8V DC
Output Current Load	Surge 20 Amp. 10% duty cycle. 10 mins. Max. Intermittent 10 Amp. 20% duty cycle. 20 mins. Max. Continuous 5 Amp. 100% duty cycle.
Regulation	1% line and load. 10Amp Intermittent duty rating.
Ripple	4mV R.M.S
Low Voltage Alarm	10.7V DC Audible and Visual warning.
Low Voltage Disconnect & Automatic Shut-down	10.3V DC
Internal Battery type	Sealed Lead Acid. 12V 7AH. Rechargeable. Optional: Add-on 2nd 7AH battery. Max. Battery capacity: 28AH
Battery Float Voltage	13.8V DC
Dimension	12.3x22.9x26.7cm
Weight	Approx.7.3KG (with 1 battery pack) Approx.10KG (with 2 battery packs)



Front view of BN-UPS1212



Back view of BN-UPS1212