

Higher Amperages
Available;
Contact Factory

12, 24 & 48 Volt DIN Rail UPS

Powers Loads, Charges and Monitors Back-Up Battery,
Ideal for Wireless System Transmitter/Enclosure Applications

- Combines all system power functions: power supply, battery charger, UPS circuitry and status monitoring in ONE compact DIN rail mount unit
- Dual outputs for load and battery:
 - "Load priority" output distribution ensures power is dedicated first to the load, with remainder then allocated to battery charging, thus preventing a discharged battery from impacting operation of critical loads.
 - 3 step charging for rapid battery recovery, programmable for battery type, with optional temperature compensation sensor
- Battery automatically supports load anytime AC fails
- Low voltage disconnect protects battery from total discharge
- Automatic periodic battery health diagnosis
- High operating temperature range to 70° C
- Alarm contacts: AC fail, battery at risk
- Communication MODBUS (DIN-UPS-48-10)
- CE Approved

Specifications

Front Panel LED Indicators:

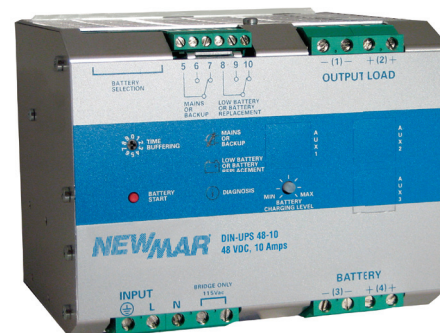
- Power Source: AC or on back up
- Battery and System Diagnostics (via blink code)

Settings/Selectors:

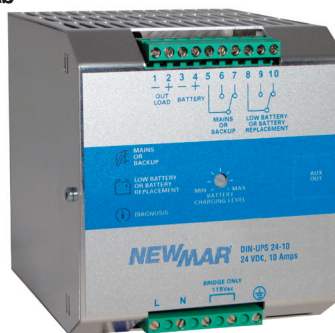
- Battery Type: AGM, Sealed Lead Acid, Gel-Cell
- Battery Charge Current Limit: 20 - 100% of charge amperage rating
- Back-Up Run Time on Batteries:
 - Programmed time limit: 1 - 60 min. (48-10 model only)
 - Or
 - Until LVD disconnect (all models)
- Power Restore Button: connects battery without AC present

Signal Outputs (form C):

- On backup power
- Battery abnormal condition (summary contact): Discharged, damaged, disconnected, sulfated/short circuit, reverse polarity, bad thermal sensor



DIN-UPS 48-10



DIN-UPS 24-10



DIN-UPS 12-10

Temperature: -25 to +70° C. Continuous to 50°, de-rate 2.5% per° C >50° C

Cooling: Free air, convection

Efficiency: 91%

Protection:

- Low Voltage disconnect at 1.5 volts per cell
- Internal fuse
- Current limiting
- Short circuit
- Reverse polarity
- Thermal overload shut down and recovery
- IP 20
- Designed to UL 1950

Terminal Blocks: Screw type

Mounting: DIN Rail Bracket (35mm)

Optional: Battery temperature compensation probe

Model	Input VAC	Output		Dimensions (H x W x D)	Weight
		Voltage	Power		
DIN-UPS 12-10	115/230	12 VDC	10 Amps	4.5" x 2.6" x 5.3"	2 Lbs.
DIN-UPS 24-10	115/230	24 VDC	10 Amps	4.5" x 3.9" x 5.3"	2 Lbs.
DIN-UPS 48-10	115/230	48 VDC	10 Amps	4.5" x 5.9" x 5.3"	4 Lbs.

Preliminary specifications,
subject to change without notice.

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Powering the Network

Newport Beach, CA USA

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