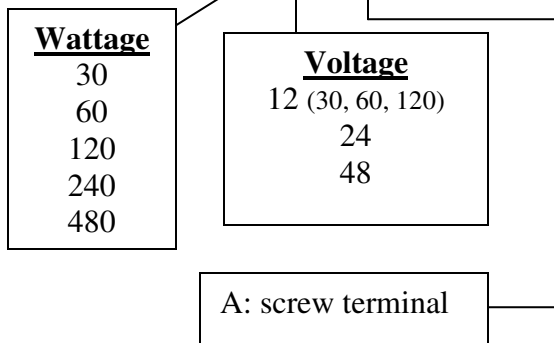


DC UPS Power Supplies *30 - 480 Watts*



Ordering Information

DRAN60-24 A



Terminations
Voltage input-L1, N, G
Output VDC
Relay K1

Features

- DIN rail mounting
- Wide input voltage – 85-264VAC/30, 60, 480W 115/230 120 and 240W
- Output 12, 24 or 48 vdc
- LED DC ON indication (green)
- Relay output for DC signal on 30-480 watt
- Output Overload, Over voltage & short circuit protection
- Output Stability +/- 0.5% 30W ,60W and 480W; +/- 1% 120 and 240W
- Input line fuse, filter, & inrush current limiter
- Short Circuit over voltage and overload protection (105-125%)
- Transformer isolation: 3kV
- Power factor correction option on 120-480 watt
- UPS function – Supplied by power supply and battery
- Relay output on all models
- UL1310 Class 2 40-60W except DRAN60-12
- Approvals UL 508, cUL, TUV, CE

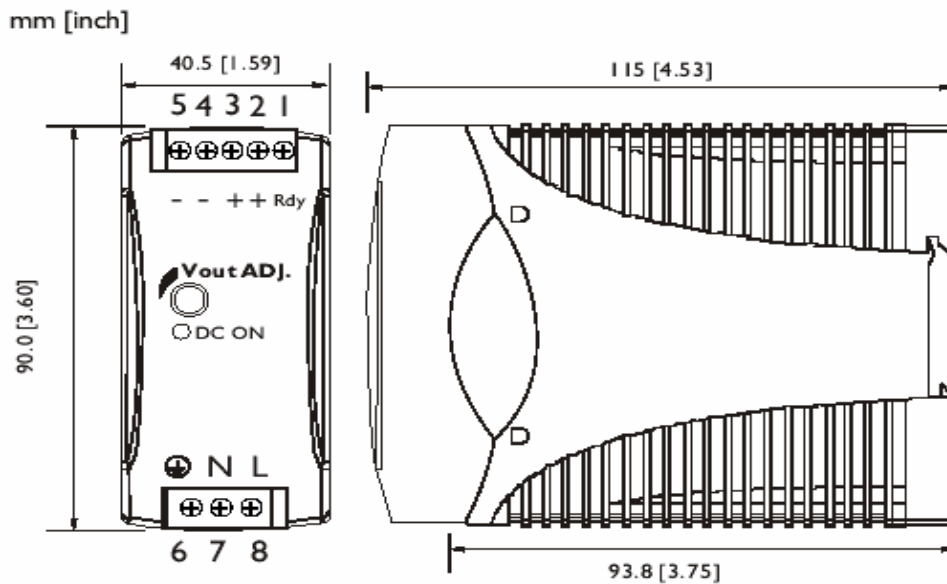


DC UPS Power Supplies

30 - 480 Watts

Output Voltage	Output Vdc Adjustable Range	
	30-60W	120-480W
12 Volts	12-14	11.4 – 14.5
24 Volts	24-28	22.5 – 28.5
48 Volts	48-55	45 – 55

Model	Efficiency at 24V
30	86%
60	89%
120	86%
240	89%
480	89%



Note:

1. The DRAN is a low-cost DC backup power system with external Lead-Acid battery, Relay and Fuse (the external items to be supplied by the customer).
2. The manufacturer is liable neither for the external components nor the damage to the power supply caused by external components.
3. The total consumption current including loading and battery charging current should not exceed the maximum rated current of power supply.
4. The operation concept of DC backup power system:
 - a. When AC power alive: The "Rdy" is close circuit to activate the external Relay. The power supply feeds current into the external loads and charges through Relay to the external battery as well.
 - b. When AC power interrupted: The "Rdy" remains closed to maintain the external Relay in closed position. The external battery supplies current to the external loads.
 - c. When Battery power low: The "Rdy" opens and the external Relay opens to disconnect the battery from the external loads.

