

DBL Series LED UPS

A true on-line Uninterruptible Power System (UPS) that provides the best in power quality and availability



DBL 700

Specifications

Rating

- DBL 700 - 700 W
- DBL 1400 - 1400 W
- DBL 2100 - 2100 W

Input

- DBL 700/1400/2100 - 120VAC

Output

- DBL 700/1400/2100 - 120VAC

Regulation

- DBL 700/1400/2100 - +/- 2%

Frequency

- DBL 700/1400/2100 - 50/60Hz

Output Wave Form

- DBL 700/1400/2100 - Sine wave

Harmonic Distortion

- DBL 700/1400/2100 - Less than 5%

Power Factor

- DBL 700/1400/2100 - 1

Topology

- DBL 700/1400/2100 - Double conversion

LED Indicators

- DBL 700/1400/2100 - Load, battery charge, line, low battery, fault, overload, and bypass

Transfer to Battery

- DBL 700/1400/2100 - 0 ms

Protection

- DBL 700/1400/2100 - Electronic circuit and fuse

Relay Outputs

- DBL 700/1400/2100 - UPS fail, AC fail, on battery, and low battery

Overload

- DBL 700/1400/2100 - 125% for 10 minutes then the UPS goes to bypass

Features

- Double-conversion, true on-line design
- Operates in temperatures of up to 165.2°F (74°C)
- 700, 1400, and 2100 W ratings
- Continuous voltage regulation
- Output isolation
- Complete power conditioning
- High rate 200 W charger for fast recharge time
- Self-diagnostics and battery testing
- 19-inch rack-mount design for easy maintenance
- Anderson Power Pole DC connector
- Excellent voltage regulation +/- 3%
- RS 232 port with monitoring software
- Screw terminal relay output
- Replaceable surge suppressor
- Reset-able battery run time meter
- Power failure event counter

Options:

- 24/7 time with logging
- Flash 10-hour timer
- Hot Swap fail-safe bypass
- Extended run time 10 hours or longer
- 400W charger
- Rack mounting ears

Protection:

Spike Suppression

- IEEE 587 A & B

Lightning

- 8/20U sec 5000A

EMI/RFI

- GB9254

Attenuation

- < 45DB @ 1 MHz for normal/common mode

Battery System:

Battery Bank

- 36VDC

Battery Charger

- 200W @ 36VDC

Battery Connection

- Anderson Power Pole

Recharge Time

- Less than 8 hours

Battery Protection

- Dual segment before shut down

Mechanical:

Weight

- DBL 700 - 18lb
- DBL 1400 - 23lb
- DBL 2100 - 30lb

Environmental:

Temperature Operation

- -22°F to 165.2°F (-30°C to +74°C)

Humidity

- 10% to 90% non-condensing

© 2007 Econolite Control Products, Inc. All rights reserved. Econolite Control Products, Inc. reserves the right to change or update these specifications at any time without prior notification