

60W DC COMPACT UPS PLUG-IN MODULE

REW 60-24

- 3U X 16TE X 160mm Eurocard
- Made in North America
- Universal Input 95 - 264VAC
- Convection cooled - no fan
- Single output
- Fully protected
- Meets approval requirements



This 24VDC output UPS was designed for industrial applications. Advanced IGBT technology and optimized magnetics ensure high efficiency and outstanding reliability. The input accepts any AC voltage from 95V to 264V. The battery is external, provided by the user. It is charged in float mode.

A low voltage disconnect circuit protects the battery from damage in case of extensive use without AC input power.

The front-panel is 16TE wide, and has LED indicators for “Operate” and “AC-fail” and a lockable switch for turning off the battery power. The unit has two H15 connectors - the pin-out for these is indicated in the table to the right.

PINOUT OF H15 CONNECTORS

Pin	S1	S2
4	-	-
6	+ Ext Batt.	-
8	GND ext. Batt	-
10	GND ext. Batt	-
12	-	-
14	-	-
16	-	-
18	AC fail	+24V
20	-	-
22	-	RTN
24	-	-
26	-	-
28	N	-
30	L	-
32	GND	GND

SPECIFICATIONS

Input Voltage
95VAC to 264VAC; 47-420Hz

Input Protection
Thermal Fuse
Inrush current limiting
Battery fuse

Isolation
2250VDC input to chassis
4300VDC input to output
(8mm spacing)
500VDC output to chassis

Compliance to IEC950, CSA C22.2
No. 950 and UL 1950

Output Voltages
24V/2.4A

Efficiency
Min 80% at full load

**Line/Load Regulation
(without battery)**
± 1% combined from no load to full
load

Output Overvoltage Protection
Double regulator loop

Overload Protection
Current limiting with short circuit
protection

EMI
Meets EN 55022 Class B
conducted emissions

Output Ripple/Noise:
10mV max (20MHZ BW)

Operating Temperature
0 to +50°C

Temperature Drift
0.03% per °C over operating
temperature range

MTBF
100,000 hours at 45°C

Connections:
Two H15 connectors
(see pin-out drawing)

Dimensions:
Plug-in module:
3Ux 16HP x 160mm Eurocard

Weight: 0.8 kg

Warranty: Twelve months subject to application within good engineering practice.
Enhancements to these general specifications and customizing can be accommodated upon request.
Designed to meet common approval requirements. Specifications subject to change.

**Designer and manufacturer of quality converters, inverters, UPS systems, complete rack mount systems and DC-input
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