



RLP-XX24BBSCLVD Series

Heavy Duty Rack Mount 24V Power Supply



- *Integrated Smart Charger & Low Voltage Battery Disconnect*
- *Short Circuit / Overload / Over Voltage / Over Temperature Protection*
- *Manual Battery Disconnect Switch*

Model	RLP-2024BBSCLVD	RLP-4024BBSCLVD
Output Voltage	27.6 VDC	
Output Amperage	20 Amps	40 Amps
Maximum Power	600 Watts	1200 Watts
Maximum Ripple and Noise	150 mV p-p	
Voltage Tolerance	± 1.0 %	
Line Regulation	± 0.2 %	
Load Regulation	± 0.5 %	
Input Voltage	115 or 230 VAC switch selectable, 47 - 63 Hz	
Typical Efficiency	88 %	
Maximum AC Current	11.5A/115VAC & 6.5A/230VAC	20A/115VAC & 11.5A/230VAC
Max Inrush Current, single cycle	35A/115VAC & 70A/230VAC	35A/115VAC & 70A/230VAC
Short Circuit Protection	Constant Current Limiting	
Overload Protection	85 - 115 % rated output power	
Over Voltage Protection	30 - 34.8 VDC	
Over Temperature Protection	Auto Output Shutdown > 195 F (90 C)	
Fan Control	Heat Sink Temperature > 140 F (60 C)	
Working Temperature Range	14 to 158 F (-10 C to 70 C)	
Storage Temperature Range	-4 to 185 F (-20 C to 85 C)	
Withstand Voltage	I/P-O/P: 3KVAC, I/P-FG: 2KVAC, O/P-FG: 0.5KVAC	
Maximum Charge Voltage	27.6 VDC	
Maximum Recharge Rate	4.3 Amps	
Max Battery Charger Power	118 Watts	
Suggested Battery Capacity	15 - 40 Ah	
Auto-Revert Battery/Power Supply	By dual Schottky diodes in OR configuration	
Charger Protection	Overload / voltage / temperature / reverse polarity	
Dead Battery Protection	Short circuit protected with deep discharge start function	
LED Indicator	Red = high rate charge / Green = float charge	
Maximum Battery Output	75 Amps in battery mode	
Disconnect / Reconnect	20 / 25 VDC	
Product Dimensions	19 x 14 x 3.5 in, 19" Rack Mount 2U Height	
Shipping Dimensions	23 x 17 x 10 in	
Shipping Weight	17 lbs.	20 lbs.

*NOTE: Specifications are subject to change without notice.

Edit: Dec. 26, 18