



A Benny Lee Company

HE1U SERIES

HIGH EFFICIENCY 1U AC to DC POWER SUPPLY



*Front of BC & BMS Version Shown



Weight-8.5 lbs
1.75" H x 19" W x 10.7" D

The new HE1U Series High Efficiency Rack Mount DC power supply is available in three feature levels with a total of nine available models. Designed to provide maximum power in a small package these switching supplies are only 1RU high and 10.5" deep, yet are able to provide ample power for your requirements. Built into our sturdy chassis with ¼ inch output studs and a terminal strip for DC-OK and internal power supply remote On/Off control. These power supplies are 89-92% efficient and incorporate power factor correction on the AC input providing notable energy savings over lower efficiency power supplies.

The HE1U base models provides high power density coupled with a small form factor to supply 750W of available power in an enclosed chassis at 12, 24, or 48 VDC output. Next, the HE1U-BC Models builds upon the base model with the addition of integrated seamless battery backup, trickle battery charging, battery low voltage disconnect and manual battery disconnect switch for maintenance. The feature rich HE1U-BMS Series builds upon the previous models with the addition of smart battery charging. These 9 new models offer myriad features in a small package for a great value. Contact us today to learn more about the HE1U and let us help you find the right solution today.

BASIC FEATURES

- Remote Control ON/OFF(Power Module)
- DC-OK TTL signal
- Short Circuit/ Overload/ Over Voltage/ Over Temperature Protection
- 750 Watt High Efficiency Switching Power Module at 12, 24, or 48 VDC output

BC VERSION FEATURES

- Builds upon the base model with the addition of integrated seamless battery backup
- Integrated Low Voltage Disconnect
- Battery Trickle Charger
- Diode Isolated Battery Switch Over

BMS VERSION FEATURES

- 120 watt smart battery charger
- Integrated Low Voltage Disconnect
- Selectable Input Voltage 110 or 220VAC

SPECIFICATIONS

Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	Panel Height	Weight (lbs)	DC-OK	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
HE1U-5012	50	13.8	90-264	1.75"	8.4	YES	N/A	N/A	N/A
HE1U-2524	25	27.5	90-264	1.75"	8.4	YES	N/A	N/A	N/A
HE1U-1248	12	48	90-264	1.75"	8.4	YES	N/A	N/A	N/A
HE1U-5012-BC	50	13.8	90-264	1.75"	8.4	YES	3.0	60-100 Ah	10.4 / 12.5
HE1U-2524-BC	25	27.5	90-264	1.75"	8.4	YES	3.0	30-60 Ah	21.5 / 25.5
HE1U-1248-BC	12	48	90-264	1.75"	8.4	YES	2.0	15-30 Ah	42.0 / 50.0
HE1U-5012-BMS	50	13.8	110 or 220	1.75"	8.4	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-2524-BMS	25	27.5	110 or 220	1.75"	8.4	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-1248-BMS	12	48	110 or 220	1.75"	8.4	YES	2.2	15-30 Ah	42.0 / 50.0