

©ENTRI SERIES HE1U-MU Series

High Efficiency 1 RU Power Supply with Remote Monitoring & Control

The ©entri Series HE1U power supplies now fully integrate our Site ©entri remote monitoring and control unit adding internal relay protections for a more reliable system. The units feature a new front panel display that allows for on-site adjustment and monitoring. Internally, all models have relay protections on all inputs and outputs with programmable auto-reset, SNMP monitoring, and email notifications.

Features - Basic Version

- 12, 24, and 48 volt models
- High efficiency: up to 93%
- High power density: up to 750 watts
- Low profile: 1 RU
- User programmable relay protections: short circuit / overload / over voltage / overheat
- User programmable disconnects, reconnects, and resets
- Built in active power factor correction
- Alarm notifications by SNMP and email through Ethernet (Optional Form C dry contact output terminals)
- Power supply fail notification with automatic and remote reset
- AC fail notification with automatic and remote reset
- Over temperature notification with automatic and remote reset
- Battery low and low voltage disconnect notification with automatic and remote reset
- Remote Monitoring
- Output voltage and current
- Battery voltage, if present
- AC mains voltage
- System Temperature
- Battery backup connect/disconnect if present
- Internally hosted webpage, plug-and-play, no additional software required
- SNMP v1, v2, and v3 integration and monitoring over IP
- Internal data storage via SD card and downloadable .CSV file
- BBLVD model features diode isolated battery inputs with a low voltage disconnect relay



Weight- 8.4 lbs
1.75" H x 19" W x 13.5" D



Features - Optional Versions

- *Intenal Battery and Charger Option Available: HE1U-_____-BMS*
- *Remote Monitoring Option available: HE1U-_____-BMS-MU*

Models, Specifications & Pricing

300 WATT - Full Version

Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	DC-OK	Battery Disconnect Switch	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
HE1U-2012-BMS-MU	20	13.8	110 or 220	YES	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-1024-BMS-MU	10	27.5	110 or 220	YES	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-548-BMS-MU	5	56	110 or 220	YES	YES	2.2	15-30 Ah	42.0 / 50.0

750 WATT - Full Version

Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	DC-OK	Battery Disconnect Switch	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
HE1U-5012-BMS-MU	50	13.8	110 or 220	YES	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-2524-BMS-MU	25	27.5	110 or 220	YES	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-1248-BMS-MU	12	56	110 or 220	YES	YES	2.2	15-30 Ah	42.0 / 50.0

*Intended to be used with separate external battery charger to support large AH battery banks. Battery Charging based on external battery charger.



MU-Integrated
Remote
Monitoring &
Control
available

RACK MOUNT POWER SYSTEMS BACK

HE1U Series

High Efficiency Low Profile Power Supplies

The high efficiency HE1U series DC power supply is designed to provide maximum power in a small package. These high power density units are only 1RU high and 9.5" deep, yet are able to provide up to 1500 watts from a single AC power outlet. 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.

Features - Basic Version

- High efficiency up to 93%
- Heavy duty ¼ inch output studs, IP covers available separately (Part Number)
- Universal AC input: 90 to 264VAC table here
- Protections: short circuit / overload / over voltage / overheat
- High Power 1500 watt Models
See below (on chart) offered in 300W, 750W, 1500W
- N+1 and 1+1 redundant models available (see Redundant Power Systems Section)
- *External Battery and Charger Option Available: HE1U-_____-BBLVD*
- *Remote Monitoring Option available: HE1U-_____-MU, HE1U-_____-BBLVD-MU*
- BBLVD- diode isolated battery backup terminals with low voltage disconnect for use with an external battery charger. The LVD disconnects the battery at an adjustable voltage to eliminate battery damage due to over discharging. Protects equipment that is sensitive to low voltage during battery operation. Manual battery disconnect switch included.
- Trickle charger substitution for smart charger available upon request



* Front and Rear of basic version shown
1.75" H x 19" W x 9.5" D

Features - Optional Versions

- *Intenal Battery and Charger Option Available: HE1U-_____-BMS*
- *Remote Monitoring Option available: HE1U-_____-BMS-MU*



Front and Rear of BBLVD, BMS version shown



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RACK MOUNT POWER SYSTEMS

BACK

HE1U Series

High Efficiency Low Profile Power Supplies

Models, Specifications & Pricing

300 WATT

Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	Weight (lbs)	DC-OK	Battery Disconnect Switch	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
HE1U-2012	20	13.8	90-264	8.0	YES	NO	N/A	N/A	N/A
HE1U-1024	10	27.5	90-264	8.0	YES	NO	N/A	N/A	N/A
HE1U-548	5	56	90-264	8.0	YES	NO	N/A	N/A	N/A
HE1U-2012-BMS	20	13.8	110 or 220	8.0	YES	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-1024-BMS	10	27.5	110 or 220	8.0	YES	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-548-BMS	5	56	110 or 220	8.0	YES	YES	2.2	15-30 Ah	42.0 / 50.0

750 WATT - Slim Version

Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	Weight (lbs)	DC-OK	Battery Disconnect Switch	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
HE1U-5012	50	13.8	90-264	8.0	YES	NO	N/A	N/A	N/A
HE1U-2524	25	27.5	90-264	8.0	YES	NO	N/A	N/A	N/A
HE1U-1248	12	56	90-264	8.0	YES	NO	N/A	N/A	N/A
HE1U-5012-BMS	50	13.8	110 or 220	8.0	YES	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-2524-BMS	25	27.5	110 or 220	8.0	YES	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-1248-BMS	12	56	110 or 220	8.0	YES	YES	2.2	15-30 Ah	42.0 / 50.0

1500 WATT - Slim Version

Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	Weight (lbs)	DC-OK	Battery Disconnect Switch	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
HE1U-10012	100	13.8	90-264	12.0	YES	NO	N/A	N/A	N/A
HE1U-5024	50	27.5	90-264	12.0	YES	NO	N/A	N/A	N/A
HE1U-2548	25	56	90-264	12.0	YES	NO	N/A	N/A	N/A
HE1U-10012-BBLVD*	100	13.8	110 or 220	12.0	YES	YES	N/A	60-120 Ah	10.4 / 12.5
HE1U-5024-BBLVD*	50	27.5	110 or 220	12.0	YES	YES	N/A	30-60 Ah	21.5 / 25.5
HE1U-2548-BBLVD*	25	56	110 or 220	12.0	YES	YES	N/A	15-30 Ah	42.0 / 50.0

*BBLVD Version intended to be used with separate external battery charger to support large AH battery banks. Battery Charging based on external battery charger.