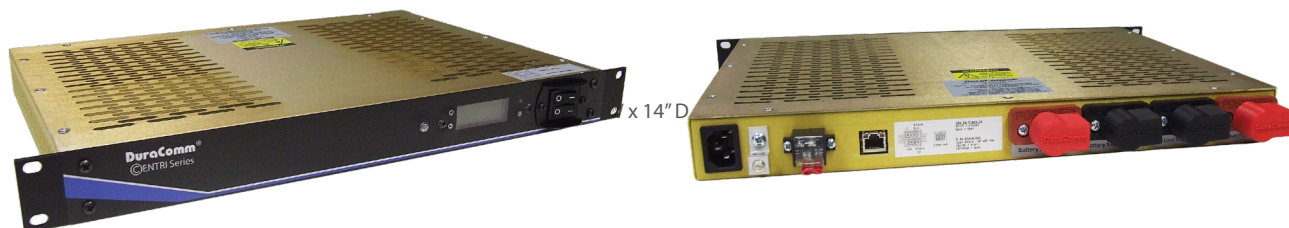




# ©ENTRI SERIES HE1U-MU

RACK MOUNT POWER SUPPLY WITH BUILT IN MONITORING & CONTROL



DuraComm is refreshing and expanding our HE1U-MU offering. 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 along with a new look. Internally, all models now have relay protections on all inputs and outputs with programmable auto-reset, SNMP monitoring, and email notifications. Additionally, the BMS and BBLVD models incorporate a low voltage disconnect to prevent battery over discharging and load, power supply, and battery diode isolation. Separate connectors on the rear of the unit for load and batteries are provided for easy installation.

## POWER SUPPLY FEATURES

- 12, 24, and 48 volt models
- High efficiency: up to 93%
- High power density: up to 1600 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
- Heavy duty ¼" output studs with IP rated coverings
- Optional active current sharing between multiple units
- 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
- Power rectifier on/off
- 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
- BB model features diode isolated battery inputs
- BBLVD model features diode isolated battery inputs with a low voltage disconnect relay
- BMS model features an internal 3 stage 120 watt smart charger, diode isolated battery inputs, and a low voltage disconnect relay
- 3 year warranty



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Model Number	Output Current (Amps)	Output Voltage VDC	Input Voltage VAC	Panel Height	Weight (lbs)	Battery Disconnect Switch	Charging Current Amps	Suggested Battery Capacity	Disconnect/Reconnect VDC
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### 300 WATT

HE1U-2012-BMS-MU	20	13.8	110 or 220	1.75"	8.4	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-1024-BMS-MU	10	27.5	110 or 220	1.75"	8.4	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-548-BMS-MU	5	56	110 or 220	1.75"	8.4	YES	2.2	15-30 Ah	42.0 / 50.0

### 750 WATT

HE1U-5012-BMS-MU	50	13.8	110 or 220	1.75"	8.4	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-2524-BMS-MU	25	27.5	110 or 220	1.75"	8.4	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-1248-BMS-MU	12	56	110 or 220	1.75"	8.4	YES	2.2	15-30 Ah	42.0 / 50.0

### 1600 WATT

HE1U-12012-BMS-MU	120	13.8	110 or 220	1.75"	8.4	YES	YES	7.2	60-120 Ah	10.4 / 12.5
HE1U-6024-BMS-MU	60	27.5	110 or 220	1.75"	8.4	YES	YES	4.3	30-60 Ah	21.5 / 25.5
HE1U-3048-BMS-MU	30	48	110 or 220	1.75"	8.4	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.