

DuraComm[®]

A MISSION CRITICAL ELECTRONICS BRAND

HE1U-MU Series Brochure



MCE NETWORK & INDUSTRIAL POWER



DuraComm[®]

NEWMAR



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300, 750, 1500W HIGH EFFICIENCY 1U AC to DC POWER SUPPLY

Designed to provide maximum power in a small package. DuraComm's HE1U-MU power supplies are a cost-efficient means of providing usable power for LMR, broadband, wireless or other electronic equipment in a rack or enclosure application. Available in 12, 24, and 48Volts DC with options for battery management and low voltage disconnects.. The Centri Series power supplies feature SNMP monitoring and email notification, remote control, monitoring & data collection capabilities.



1.75" H x 19" W x TBD" D

Product Features

- + High efficiency: up to 93%
- + High power density: up to 1500 watts
- + User programmable relay protections: short circuit / overload / over voltage / overheat
- + One list of user programmable features: disconnects, reconnects, and resets
- + Active power factor correction
- + IP rated terminal blocks for ease of connection
- + Optional active current sharing between multiple units
- + Optional Form C dry contact output terminals
- + Power supply fail notification with automatic and remote reset
- + Remote Monitoring of voltage, current, and system temperature
- + Power rectifier on/off
- + Internally hosted webpage, plug-and-play, no additional software required
- + SNMP v2, and v3 integration and monitoring over IP and email through Ethernet
- + Internal data storage via SD card and downloadable .CSV file
- + BMS model features an internal 3 stage 240 watt smart charger, diode isolated battery inputs, and a low voltage disconnect relay
- + 3 year warranty

Model Number	Output Current	Output Voltage	Input Voltage	Panel Height	Weight	Battery Disconnect Switch	Charging Current	Suggested Battery Capacity	Disconnect/Reconnect
300 W									
HE1U-2012-BMS-MU	20 Amps	13.8 VDC	90 or 264 VAC	1.75"	8.4 lbs	YES	7.2 Amps	60-120 Ah	10.4 / 12.5 VDC
HE1U-1024-BMS-MU	10 Amps	27.5 VDC	90 or 264 VAC	1.75"	8.4 lbs	YES	4.3 Amps	30-60 Ah	21.5 / 25.0 VDC
HE1U-548-BMS-MU	5 Amps	56 VDC	90 or 264 VAC	1.75"	8.4 lbs	YES	2.2 Amps	15-30 Ah	42.0 / 50.0 VDC
750 W									
HE1U-5012-BMS-MU	50 Amps	13.8 VDC	90 or 264 VAC	1.75"	8.4 lbs	YES	7.2 Amps	60-120 Ah	10.4 / 12.5 VDC
HE1U-2524-BMS-MU	25 Amps	27.5 VDC	90 or 264 VAC	1.75"	8.4 lbs	YES	4.3 Amps	30-60 Ah	21.5 / 25.0 VDC
HE1U-1248-BMS-MU	12 Amps	56 VDC	90 or 264 VAC	1.75"	8.4 lbs	YES	2.2 Amps	15-30 Ah	42.0 / 50.0 VDC
1500 W									
HE1U-10012-BMS-MU	100 Amps	13.8 VDC	90 or 264 VAC	1.75"	13.0 lbs	YES	17 Amps	60-170 Ah	10.4 / 12.5 VDC
HE1U-5024-BMS-MU	50 Amps	27.6 VDC	90 or 264 VAC	1.75"	13.0 lbs	YES	8 Amps	30-80 Ah	21.5 / 25.0 VDC
HE1U-2528-BMS-MU	25 Amps	56 VDC	90 or 264 VAC	1.75"	13.0 lbs	YES	4.3 Amps	20-50 Ah	42.0 / 50.0 VDC

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