

DuraComm[®]

A MISSION CRITICAL ELECTRONICS BRAND

HE1U Series Brochure



MCE NETWORK & INDUSTRIAL POWER



DuraComm[®]

NEWMAR



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Designed to provide maximum power in a small package. DuraComm's HE1U power supplies are a cost-efficient means of providing usable power for LMR, broadband, wireless or other electronic equipment in a rack enclosure application. Available in 12, 24 and 48 Volts DC with options for battery management and low voltage disconnects.



1.75" H x 19" W x 14" D

Product Features

- + High efficiency up to 93%
- + Universal AC input: 90 to 264VAC
- + Protections: short circuit / overload / over voltage / overheat
- + High Power up to 1500W
- + N+1 and 1+1 redundant models available (see Redundant Power Systems Section)
- + BB, BBLVD, BMS Can be added to any of these versions;
- + BB- diode isolated battery backup terminals for seamless battery backup
- + 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.
- + BMS - internal 120 watt 3 stage smart charger with dual diode isolation, backup battery terminals, and low voltage disconnect. Smart charging monitors batteries for optimal charging and maintenance, extending battery life.
- + Trickle charger substitution for smart charger available upon request

Model Number	Output Current	Output Voltage	Input Voltage	Panel Height	Weight	DC-OK	Battery Disconnect Switch	Charging Current	Suggested Battery Capacity	Disconnect/Reconnect
300 W										
HE1U-2012	20 Amps	13.8 VDC	90-264 VAC	1.75"	8 lbs	YES	NO	N/A	N/A	N/A
HE1U-1024	10 Amps	27.5 VDC	90-264 VAC	1.75"	8 lbs	YES	NO	N/A	N/A	N/A
HE1U-548	5 Amps	56 VDC	90-264 VAC	1.75"	8 lbs	YES	NO	N/A	N/A	N/A
750 W										
HE1U-5012	50 Amps	13.8 VDC	90-264 VAC	1.75"	8 lbs	YES	NO	N/A	N/A	N/A
HE1U-2524	25 Amps	27.5 VDC	90-264 VAC	1.75"	8 lbs	YES	NO	N/A	N/A	N/A
HE1U-1248	12 Amps	56 VDC	90-264 VAC	1.75"	8 lbs	YES	NO	N/A	N/A	N/A
1500 W										
HE1U-10012	100 Amps	13.8 VDC	90-264 VAC	1.75"	12 lbs	YES	NO	N/A	N/A	N/A
HE1U-5024	50 Amps	27.5 VDC	90-264 VAC	1.75"	12 lbs	YES	NO	N/A	N/A	N/A
HE1U-2548	25 Amps	56 VDC	90-264 VAC	1.75"	12 lbs	YES	NO	N/A	N/A	N/A

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