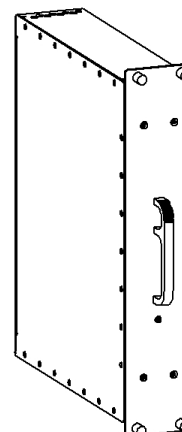


HF-230 AC to DC Front End Power Supply



FEATURES

- 230 Volt AC Input
- 55VDC at 2000W Output
- N+1 Redundant
- High Efficiency 90% typical
- Total Harmonic Distortion complies with EN 61000-3-2
- Brown-Out Protected

This power supply provides the AC to DC conversion for a military application requiring system level power distribution. This DC voltage is distributed for use by programmable DC-DC converters downstream. Passive load share is also provided.

OUTPUT VOLTAGE AND CURRENT

Power Supply	HF-230	
Input Voltage	180 – 264 Vac	90 –264Vac
Nominal No Load Voltage	57V	
Nominal Full Load Voltage	54.3V	
Full Load Current	38A	Consult Factory for derating
Remote Sense	No	
Over Voltage Protection	68V Typ. (latching)	
Over Current Protection	40A Min. (Burp Mode)	
Load Share	Yes (passive)	

CONTROL/INDICATORS

Control/Indicator	Led/Signal	Characteristic
Output OK	LED	Green LED – indicates output is within expected range
Power Good	Signal	Isolated Dry Contact Relay (closed when outputs are within expected range)

PRODUCT FEATURES

Feature	
Mating Housing	Positronic MMIP18F00820
Redundant	Full-power N+1 redundant
Operating Ambient/Cooling	0°C to 45 °C, 400 LFM of airflow required
Efficiency	90% Typ.
Weight	10 lbs
Size	13.5 x 11.1 x 2.8 inches

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P/N TWNY HF230 FE