

IRM SERIES 500W - 5000W

Industrial Rack Mount DC/AC Sinewave Inverters



Features

- Pure Sinewave Waveform
- Massive Inrush and Overload Capability
- Rugged Construction
- Designed and Manufactured in Australia
- 3 year Warranty
- DC Circuit Breaker/ Battery Isolator Switch
- High Efficiency Toroidal Transformer
- Galvanically Isolated

Specifications

Input Voltage	12, 24, 36, 48, 72, 96 & 120 Others available
Input Voltage Range	-20% to +45% of Nominal
Output Waveform	True Sinewave <4% THD
Output Voltage	230V +/- 4% Standard 110V +/- 4% Option
Output Frequency	50/60Hz +/- 0.1%
Crest Factor	>4
Overload Capacity	300% 5 Seconds (<i>all models</i>) 120% 30 Minutes (<i>110% 12V models</i>)
Operating Temperature	-10°C to +50°C (<i>can be extended</i>)
Cooling	Thermostatically Controlled Fan
Power Factor	All Conditions
Peak Efficiency	90% to 94% Model Dependent
DC Connections	Heavy Duty Low Loss Battery Leads.
AC Connections	Screw Terminal Junction Box
Standards	AS2278, AS3000, AS3100, EN55014 & C-Tick
Protection Circuitry	Full Electronic Protection against Overload, Overtemperature, Short Circuit, Battery Over & Undervoltage
Dimensions	19" Rackmount 3U x 350mm Deep <i>All Models</i>

<i>Model No.</i>	<i>DC Input</i>	<i>Power</i>
IRM512	12V	500W
IRM624	24V	600W
IRM648	48V	600W
IRM696	96V	600W
IRM6120	120V	600W
IRM1012	12V	1000W
IRM1224	24V	1200W
IRM1248	48V	1200W
IRM1296	96V	1200W
IRM12120	120V	1200W
IRM1512	12V	1500W
IRM1824	24V	1800W
IRM1848	48V	1800W
IRM1896	96V	1800W
IRM18120	120V	1800W
IRM2012	12V	2000W
IRM2324	24V	2300W
IRM2548	48V	2500W
IRM2596	96V	2500W
IRM25120	120V	2500W
IRM3024	24V	3000W
IRM3548	48V	3500W
IRM3596	96V	3500W
IRM35120	120V	3500W
IRM5048	48V	5000W

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