



GFS Power

Space Critical Power Solutions



Industrial Rack-mount DC/AC Sinewave Inverter

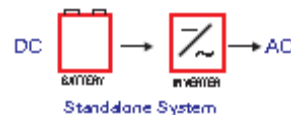
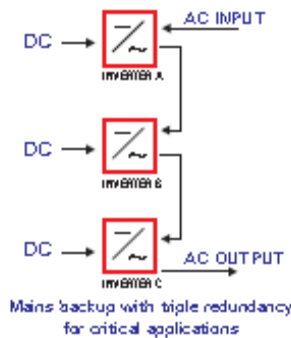
The IRM Series pure Sinewave Inverter offers the ultimate in performance and reliability. The IRM Series is available in 19" 3U rack-mount configurations including a wide range of options to suit individual applications.

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
- § LED status indicators
- § Short circuit proof
- § High Efficiency Toroidal Transformer
- § Galvanically Isolated

Options

- § AC transfer switch
- § Voltage free alarm contacts
- § AC output voltage e.g. 110VAC
- § DC input voltages e.g. 32, 36, 74 etc.
- § International power outlets
- § Anderson Connectors
- § Stackable for redundancy systems
- § Psophometric noise filter for sensitive telecom applications



Applications:

- § Telecom Installations
- § Power Utilities
- § Railways
- § Test Equipment
- § Emergency Power
- § Remote Locations

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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 (all models) 120% 30 Minutes (110% 12V models)
§ Operating Temperature	-10°C to +50°C (can be extended)
§ 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, Over-temperature, Short Circuit, Battery Over & Under-voltage
§ Dimensions	19" Rack-mount 3U x 350mm Deep (All models)

<u>Model Number</u>	<u>DC Input</u>	<u>Power</u>
§ 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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