

IM SERIES 1.5kVA MODULAR INVERTERS



DC INPUT

Operating Voltage Range:	40.5-58V DC
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AC OUTPUT

	IM15230-48	IM15110-48
Nominal Output Voltage:	230V AC	120V AC
Nominal Output Power:	1500VA 1200W	1500VA 1200W
Output Voltage Range:	208-240V AC	110-120V AC
Output Voltage Tolerance:	±2.0%	
Output Voltage Frequency:	50/60Hz selectable	
Output Frequency Tolerance:	±0.5%	
Total Harmonic Distortion:	<3.0% linear loads, <5.0% non linear loads	
Turn-on Delay:	<3 seconds	
Crest Factor:	3:1	
Peak Efficiency:	90.0%	
Overload (5 Seconds):	2000VA	
Permanent Overload:	10.0%	
Admissible Load Power Factor:	0 inductive to 0 capacitive (100% load)	
Isolation:	Output to Chassis: Input to Output: Input to Chassis:	2500V AC 2500V AC 1500V AC
Operating Temperature Range:	-40°C to +50°C (derated to +70°C)	
Acoustic Noise:	<55dBa at 1m	
Display:	3x LEDs fail/off normal/power on	
Serial Comms:	Enatel SBI interface to SM3x supervisory module	

MECHANICAL

Dimensions W, H, D:	215.0mm, 44.45mm (1U), 270.0mm overall
Weight:	2.50kg
Shipping Dimensions W, H, D:	52.0mm, 230.0mm, 340.0mm
Shipping Weight:	2.65kg
Cooling:	Force cooled (front to back airflow)



COMPLIANCES

Safety:	EN60950
Immunity:	CISPR24
Emissions:	CISPR22
AC Harmonics:	EN61000-3-2
AC Flicker & Fluctuation:	EN61000-3-3
Other:	CE & RoHS compliant

OPTIONS

SBM12000 Static Bypass Module:	50A/12.0kVA static bypass
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