



RPC's **MACRO-MICRO** 3-phase power converters provide the lowest cost of energy



Designed for use with ungrounded arrays employing 1500V insulation class PV modules.

	MM20-600-1500	MM16-480-1500
RATED POWER	20 kW	16 kW
MAX POWER	21.5 kW	17.2 kW
VAC NOM	600/347 60Hz	480/277 60Hz
VDC MPPT RANGE	800 to 1500	650 to 1500
MAX DC VOC	1500	1500
EFFICIENCY	98.5% CEC	98.0% CEC

Transformerless	Yes
Direct parallel operation	Yes
Dimensions	1000mm L x 400mm H x 115mm D (39.4" x 15.7" x 4.5")
Weight	34kg / 75lbs
Enclosure protection class	IP67 / NEMA 6
Ambient temperature range	-25°C to +60°C (derate power above +45°C)
Cooling	Natural convection
Service Life	20 years
DC ground fault detection / interrupt	Yes
Integrated DC arc fault interrupt	Yes
Advanced inverter functions	Volt/VAR, Freq/Watt, LVRT, Curtailment
Communications	RS485 and ZigBee
EMI	FCC Part 15, Class A
Regulatory compliance	UL 1741, IEEE 1547, Rule 21

US Patents 8295049, 8643986, 8648498, 9160173, 9209626, 13/940214

PRELIMINARY



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