

# MPiO15000W3#1000VPVM



## Technical Specifications

MODEL		MPiO15000W3#1000VPVM
OUTPUT (AC)	Rated AC output power	15000W
	Max.AC apparent power	16500VA
	Max.output current	23.8A
	Nominal AC Voltage	230V \ 400V
	AC Voltage range	320-478V
	AC grid frequency range	50±5Hz
		60±5Hz
	Power factor at Rated power	1
	Adjustable displacement power factor	0.8leading...0.8lagging
	THDi @ Full load & THDI <1%	< 3%
	AC grid connection type	3W+N+PE
INPUT DATA	Max.recommended PV power	18000W
	Max.DC voltage	1000V
	Start voltage	160V
	Nominal voltage	600V
	MPPT voltage range	200V-1000V
	Max.input current	21A \ 11A
	Number of independent MPP trackers / strings per MPP tracker	2\2+1
DC connection	H4 \ MC4	
EFFICIENCY	Max.efficiency	98.4%
	Euro weighted efficiency	98%
	MPPT efficiency	99.5%
	Protection devices	DC reverse polarity protection , Output over current protection, Output overvoltage protection-varistor, Integrated DC switch, Ground fault monitoring, Integrated all-pole sensitive leakage current monitoring unit
GENERAL DATA FEATURES	Dimension(W/H/D)(mm)	500*428*200
	Weight (kg)	24.8
	Operation temperature range	-25°C - +60°C with derating above 45°C
	Noise emission(typical)	≤35dB(A)
	Altitude	3000m
	Self-consumption (night)	< 1W
	Topology	Transformerless
	Cooling concept	Natural
	Environmental protection Rating	Ip65
	Relative humidity	0-100%
FEATURES	AC connection	connector
	Display	LED
	Interfaces:USB/WI-FI/RS485/GPRS	yes/yes/yes/opt

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