

MARSTEK

Power Anywhere & Anytime

SATURN-M MICRO INVERTER



Powerful Features

800W/1000W On-grid
2 MPPT for 1kW PV Input

2000W On-grid
4 MPPT for 2kW PV Input



High Efficiency

99.8% MPPT Efficiency
96.5% Peak Efficiency



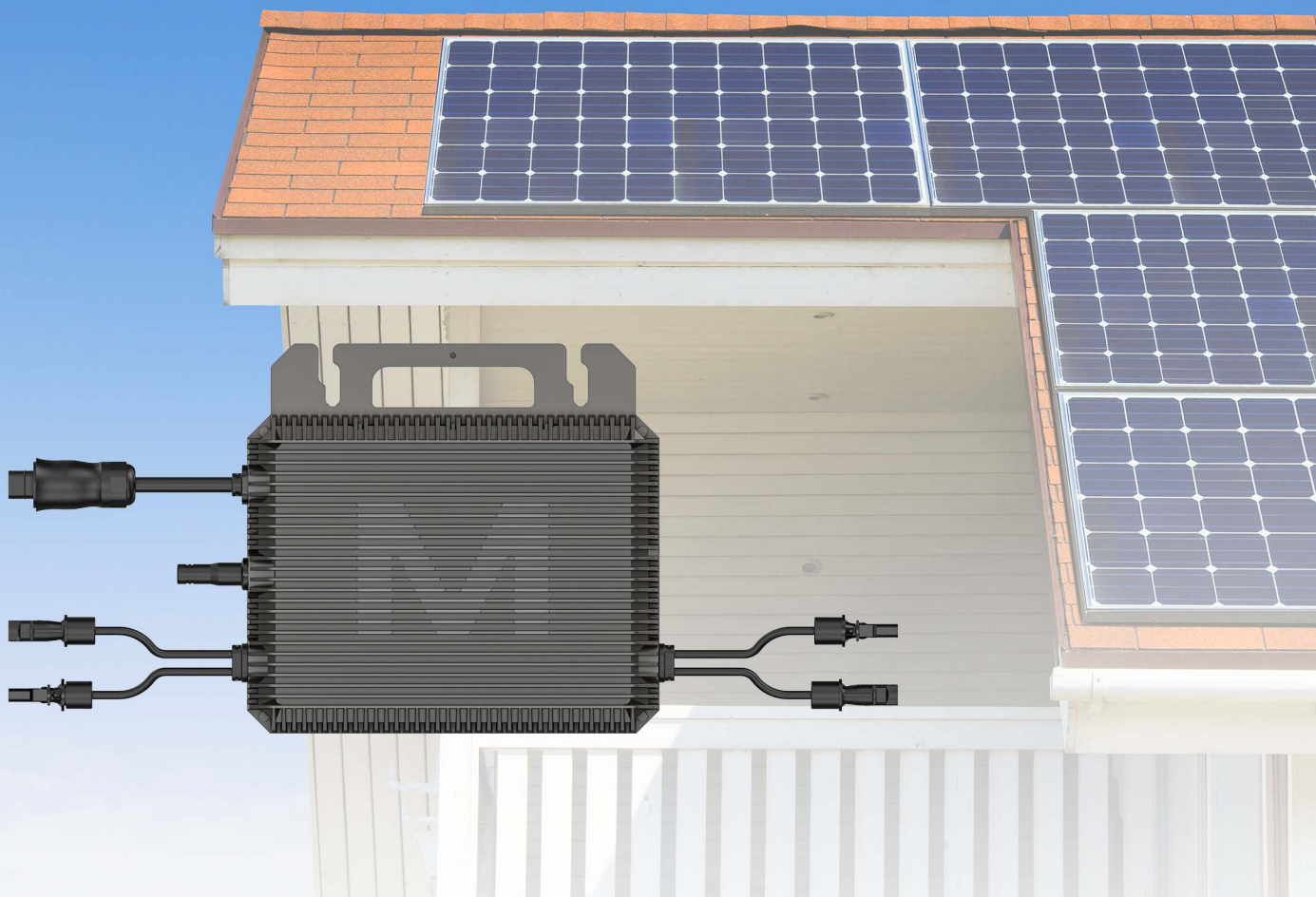
High Safety

IP67 Waterproof
10 Years Warranty



Easy Installation

MC4 Plug & Play



Marstek Energy Co., Limited

Add: Rooms 1318-19, 13/F, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong.

Tel: 86-755-28398778

Fax: 86-755-28398779

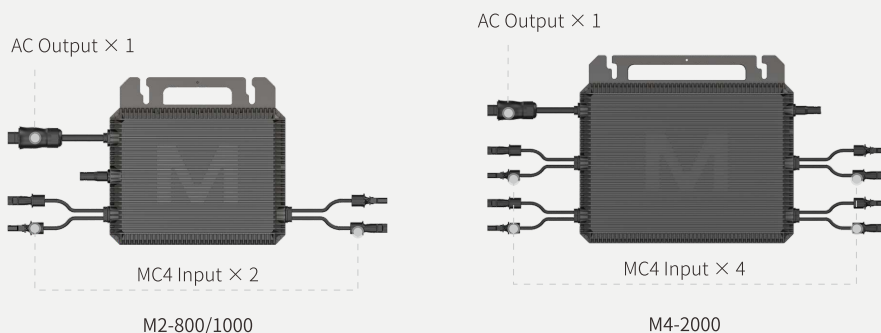
Email: market@marstekenergy.com

Web: www.marstekenergy.com



Product Manual

SPECIFICATIONS



Model		M2-800	M2-1000	M4-2000
DC Input	Max. Input Voltage	60V		
	PV Typical Input Power(single-phase)	320W~540W+	400W~670W+	400W~670W+
	Range of Input Operating Voltage	16V~60V		
	Range of Mppt Voltage	25V~55V		
	Start-up Voltage	22V		
	Max. Input Current(single-phase)	12.5A	14.5A	14.5A
	Max. Short Current(single-phase)	20 A		
	MPPT No.	2	2	4
	MPPT Efficiency	99.80%		
AC Output	Max. Output Power	800W	1000W	2000W
	Nominal Output Voltage(AC)	230V		
	Output Voltage Range	180V~275V		
	Nominal Output Frequency & Range	50Hz / 45~55Hz, 60Hz / 55~65Hz		
	Max. Continuous Output Current(AC)	3.48A	4.35A	8.7A
	Max. Efficiency	96.5%		
	Output Power Factor	>0.99(Default)		
	THD	<3%		
General Parameter	Night Power Consumption	<50mW		
	Ingress Protection	IP67		
	Over Voltage category	PV: II , Mains:III		
	Inverter Topology	Isolated		
	Operating Ambient Temp.	-40°C~65 °C		
	Cooling Strategy	Natural Convection		
	Protective Class	I		
	Standard	VDE 4105, IEC / EN 62109-1 / -2, IEC / EN 61000-6-1 / -2 / -3 / -4		
	Supported Communication Interface	4G / WIFI		
	Size	551×265×37mm		655×311×37mm
	Weight	3.85kg		6.4kg
	Monitoring Platform	Power Zero		
	Maintenance	10 Year		