

MARSTEK

Power Anywhere & Anytime

MERCURY SATURN-M

Micro Inverter

800W/1000W On-grid,
1000W 2 MPPT PV Input

2000W On-grid
2000W 4 MPPT PV Input

Easy Installation, Plug & Play

IP67 Waterproof
10 Years Warranty



Marstek Energy Co., Limited

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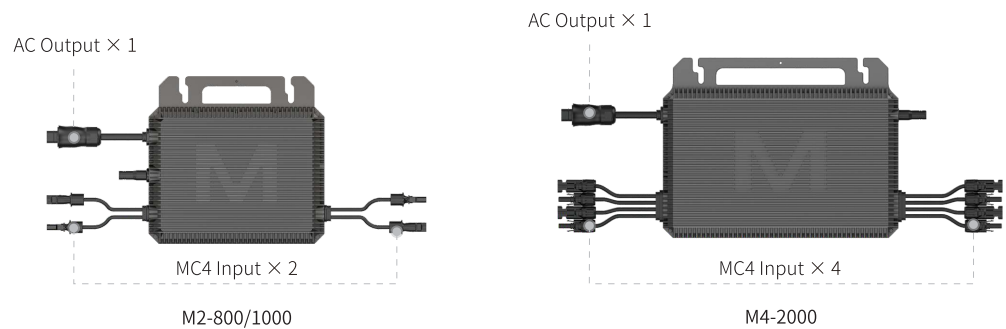
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SPECIFICATIONS



Model	M2-800	M2-1000	M4-2000
DC Input			
Max. Input Voltage	60V		
PV Typical Input Power	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	16A×2	16A×2	16A×4
Max. Short Current	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			
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		
Supported Communication Interface	4G / WIFI		
Size	565×251×38mm	565×251×38mm	655×311×38mm
Weight	3.85kg	3.85kg	6.6kg
Monitoring Platform	MARSTEK Energy		
Maintenance	10 Year		
Additional Data			
On-grid Connection Standard	VDE 4150/0124, NF EN 50549, C22.1-2015 Rule 64-218, PTPIREE, CEIO-21, PEA 1165-2020		
Regulatory/EMC	IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, EN 301 489-1/17/52, EN 62920, IEC/EN 61000-3-2/-3, EN 50665, EN 300 328, EN 50549-1		