



M-1000 & M-2000™

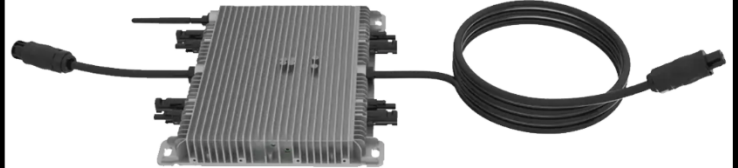


Powerful Micro Inverters

M-1000



M-2000



DC Input Data M-1000 | M-2000

DC Input Data	M-1000	M-2000
Recommended Input Power (STC)	210~600 W	210~600 W
Max Input DC Voltage	60V	60V
Operating DC Voltage Range	20~60V	20~60V
MPPT Voltage Range	25~55V	25~55V
Max DC Short Circuit Current	16A	16A
Max Input Current	12.5A x 2	12.5A x 4

AC Output Data M-1000 | M-2000

AC Output Data	M-1000	M-2000
Rated Output Power	1000 W	2000 W
Maximum Output Power	1100 W	2200 W
Rated Output Current	4.8A	9.6A
Maximum Output Current	5.1A	10.1A
Nominal Voltage / Range	208V/240V 176V~265V	
Nominal Frequency	50/60Hz	
Extended Frequency / Range	45~55Hz/ 55~63Hz	
Power Factor	>0.99	
Max Units Per Branch	4	3
Max Operating Altitude Allowed	< 4000m	
Max Inverter Backfeed Current to the Array	0A	
Max Output Fault Current	10A	

General M-1000 | M-2000

General	M-1000	M-2000
Dimensions (H x W x D)	8.35x 9.01x 1.57 in	
Interconnecting Cable Length (m)	4m	
Weight	7.72 lbs	11.46 lbs
Enclosure	NEMA 6	
Ambient Temperature	-40~65°C, >45°C Derating	
Installation Style	Panel Mounted	
Wi-Fi Communication	Included	
Standard Warranty	25 Years	
Cooling	Natural Convection	

Efficiency M-1000 | M-2000

Efficiency	M-1000	M-2000
CEC Weighted Efficiency	95%	
Peak Inverter Efficiency	96.5%	
Static MPPT Efficiency	99%	
Night-Time Power Consumption	50 mW = 0.05 W	



**Highest
Rated
Reviews On
Energy Sage**



	Rating	Reviews
Sol-Ark	★★★★★	130
Sunpower	★★★★☆	265
Tesla	★★★★☆	363
Enphase	★★★☆☆	26
SolarEdge	★★★☆☆	26
SMA	★★★☆☆	6
Outback	★★☆☆☆	2
Hanwha / Q Cells	★★☆☆☆	1
Generac/Pika	★★☆☆☆	1
Sonnen	★★☆☆☆	3
Panasonic Inv/Electriq	★★☆☆☆	3
Solis/Ginlong	★★☆☆☆	2
Fronius	★★☆☆☆	2
Magnum	★★☆☆☆	2
Renogy	★★☆☆☆	4
Schneider	★★☆☆☆	0
ABB / Humless	★★☆☆☆	0

**M-1000[®]
M-2000[®]**



Install Simplicity

You don't have to piece together multiple parts to get basic functions. Ours does it all, does it better, and does it with simplicity.

**7 Day/Week
Engineering &
Customer Support**

Sol-Ark beats all competition at customer support. Our engineers assist with all questions, diagnoses, and remote unit management.

We solve virtually any problem without a site visit.



**Mobile & Desktop
Monitoring Available Via Solarman**

	Sol-Ark M-1000	Sol-Ark M-2000	Enphase IQ7A	Enphase IQ8	Chilicon Power / Generac CP-720	AP Systems QS1
# ch	2	4	1	1	2	4
Watts	1000	2000	366	380	720	1200
Street Price \$	\$397	\$614	\$185	\$250	\$252	\$325
Cabling costs \$ / micro	included		\$18		\$26	\$29
Cost for 12 panels x 440W	\$2,382	\$1,842	\$2,436	\$3,000	\$1,668	\$1,062
Cost of internet Gateway	included		\$543	\$543	\$510	\$252
Total Costs =	\$2,382	\$1,842	\$2,979	\$3,543	\$2,178	\$1,314
\$/W =	\$0.40	\$0.31	\$0.68	\$0.78	\$0.50	\$0.37
Max recommended input power	600W		460W	500W	430W	375W
Peak Efficiency	96.5%		97.0%	97.0%	96.7%	96.5%
Night Power Consumption	50mW				100mW	30mW
Customer Satisfaction Rating / Reviews	5.0 x 130		3.5 x 26		4.0 x 8	2.5 x 11