

M2 2-in-1 Micro Inverter

M2 series 2in1 Micro Inverter, provides solution for residential scenario, covered from 0.6-1kW with 2 individual Mppts. Integrated with 4G/Lora/WiFi communication dongle, suitable for different scenario, up to 97% efficiency, and more hassel-free with easy installation and 60V DC safety.

- ❑ 2 individual MPPTs
- ❑ Peak efficiency 97.0%
- ❑ Integrated built-in Wi-Fi/Sub-1G/4G
- ❑ Support dynamic zero export
- ❑ Compact size, easy to install
- ❑ Up to 25-year limited warranty



M2-0.6K-S2 | M2-0.8K-S2 | M2-1K-S2

Model	M2-0.6K-S2		M2-0.8K-S2	M2-1K-S2
Input Data (DC)				
Recommended PV Module Power (STC) Range [Wp]	400 ~ 625+			
Peak Power Tracking Voltage [V]	35 ~ 45			
Operating Voltage Range [V]	16 ~ 55			
Maximum Input Voltage [V]	60			
Maximum Input Current [A]	16 x 2			
Back-Feed Current [A]	0			
Overvoltage Category	II			
Output Data (AC)				
Maximum Output Power [VA]	600	800	1000	
Nominal Output Current [A]	2.6	3.5	4.4	
Rated AC Voltage/Range [V]	L+N+PE, 220,230,240/180 ~ 280			
Rated Output Frequency/Range [Hz]	50,60/45 ~ 55,55 ~ 65			
Power Factor [cos ϕ]	> 0.99 default, 0.8 leading ~ 0.8 lagging			
Overvoltage Category	III			
Total Harmonic Distortion [THDi]	<3%			
Maximum Units per 12AWG Branch	7	5	3	
Efficiency				
Peak Efficiency	97.00%			
CEC Efficiency	96.50%			
Mechanical Data				
Operating Temperature Range	-40°C to +60°C (45°C to 60°C with derating)			
Communication	Wi-Fi/Sub-1G/4G			
Cooling Method	Natural Convection			
Ambient Humidity	0-100% Non-condensing			
Altitude[m]	2000			
Noise [dBA]	< 20			
Ingress Protection	IP67			
Dimensions [W * H * D][mm]	252*172*36			
Weight [kg]	2.9			
Warranty [Year]	12 (standard), 25 (optional)			
Applicable Standard	EN62109-1/2, EN61000-6-1/2/3/4, EN50438, EN50549, C10/11, IEC62116, IEC61727, RD1699, CEI 0-16, CEI 0-21, AS4777.2, NBR16149, NBR 16150, VDE-AR-N 4105, VDE 0126-1-1, RoHS			