

M2 4-in-1 Micro Inverter

M2 series 4in1 Micro Inverter, provides solution for residential scenario, covered from 1.8–2.25kW with 4 individual Mppts. With Macro Power in Micro Size slogan, product is more powerful with up to 2250kVA output, 20A DC current, 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.

- ❑ Max. input current 20A
- ❑ 4 individual MPPTs
- ❑ Peak efficiency 97.0%
- ❑ Max output power reaching 2250VA
- ❑ Up to 25-year limited warranty



M2-1.8K-S4 | M2-2K-S4
M2-2.2K-S4 | M2-2.25K-S4

| Model | M2-1.8K-S4 | M2-2K-S4 | M2-2.2K-S4 | M2-2.25K-S4 |
|--|--|----------|------------|-------------|
| Input Data (DC) | | | | |
| Recommended PV Module Power (STC) Range [Wp] | 400 ~ 700+ | | | |
| Peak Power Tracking Voltage [V] | 35 ~ 50 | | | |
| Operating Voltage Range [V] | 16 ~ 55 | | | |
| Maximum Input Voltage [V] | 60 | | | |
| Start-up Voltage [V] | 25 | | | |
| Maximum Input Current [A] | 20 x 4 | | | |
| Back-Feed Current [A] | 0 | | | |
| Overvoltage Category | II | | | |
| Output Data (AC) | | | | |
| Maximum Output Power [VA] | 1800 | 2000 | 2200 | 2250 |
| Nominal Output Current [A] | 7.82 | 8.7 | 9.56 | 9.78 |
| 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 10AWG Branch | 4 | 3 | 3 | 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] | 333*225*40 | | | |
| Weight [kg] | 5.8 | | | |
| 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 | | | |