

# Micro Inverter 4-in-1



Lower Cost



High Efficiency



Multiple Protection



- 4-in-1 design, lower cost
- Wide operating voltage range, flexibly adapted to different PV modules
- High peak efficiency, up to 96.5%
- Multiple protection and high reliability, including over voltage, over current, short circuit current and anti-islanding etc.
- IP67 protection level, reliable and durable, 10-year warranty
- Independent MPPT control for each input, higher power generation capacity
- Real-time data monitoring, suitable for operation status and maintenance
- Easy to install, plug and play set-up
- With Reactive Power Compensation function, flexible to switch on/off and to set multiple compensation modes

Model	LN-MS1200C4-S1	LN-MS1600C4-S1	LN-MS2000C4-S1
<b>Input Data (DC)</b>			
Maximum Input Voltage (V)	60		
Commonly Used Module Power (W)	210-400	210-500	210-600
MPPT Voltage Range (V)	25-55		
Number of MPPTs	4		
Number of Inputs per MPPT	1		
Maximum Input Current (A)	13*4		
Maximum Input Short Circuit Current (A)	19.5*4		
<b>Output Data (AC)</b>			
Rated Output Power (VA)	1200	1600	2000
Rated Output Current (A)	5.2	7	8.7
Nominal Output Voltage Range (V)	230 (0.85Un~1.1Un)		
Nominal Frequency/Range (Hz)	50 (47-52) or 60 (57-62)		
Power Factor	>0.99 (default)		
Power Factor (Adjustable)	0.95 leading...0.95 lagging		
Total Harmonic Distortion	<3%		
Maximum Output Overcurrent Protection (A)	5.8	7.7	9.6
<b>Efficiency</b>			
CEC Peak Efficiency	96.5%		
CEC Weighted Efficiency	95%		
Nominal MPPT Efficiency	99%		
Nighttime Power Consumption (mW)	<50		
<b>Mechanical Data</b>			
Ambient Temperature (°C)	-40~+65		
Dimensions W*H*D (mm)	344 × 234 × 41.5		
Weight (kg)	6.4		
Ingress Protection	IP67		
Protective Class	Class I		
Cooling	Natural convection-No fans		
<b>Features</b>			
Communication	WiFi		
Compatibility	Compatible with 60, 72 cell PV modules		
Compliance	EN50549-1:2019, VDE 0124:2020, VDE4105:2018, EN 62109-1:2010, EN62109-2:2011, IEC61000-6-3:2021, IEC61000-6-1:2019		