

Micro Inverter 4-in-1



Lower
Cost

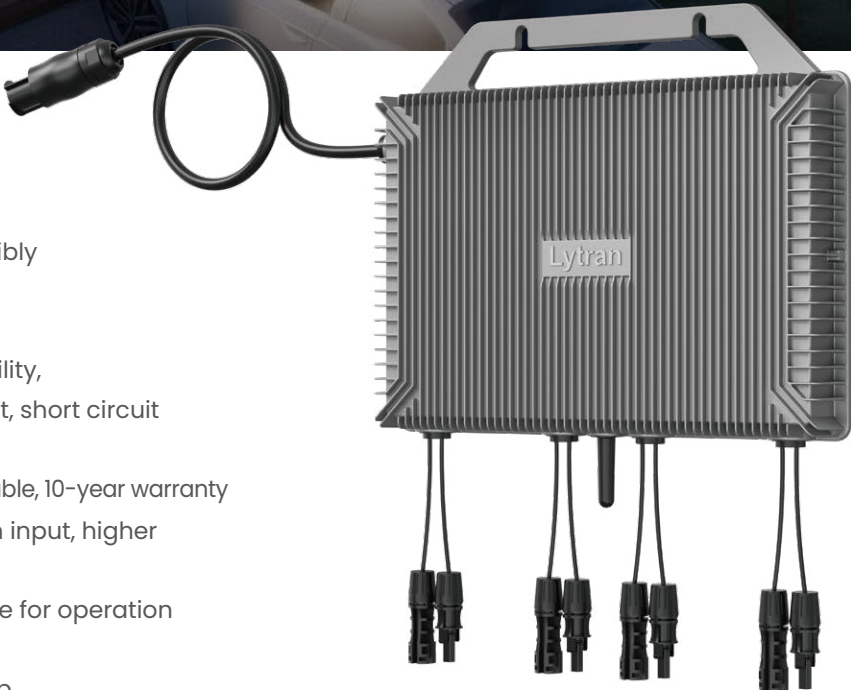


High
Efficiency



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
Input Data (DC)				
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			
Output Data (AC)				
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	
Efficiency				
CEC Peak Efficiency	96.5%			
CEC Weighted Efficiency	95%			
Nominal MPPT Efficiency	99%			
Nighttime Power Consumption (mW)	<50			
Mechanical Data				
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			
Features				
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			