

Single-phase Off-grid Inverter

North America



Flexible
Application



Parallel
Split Phase
120V/240V



Multiple
Inverters
Parallel

- Pure sine wave AC output
- Solar and the grid can provide power to the load at the same time
- 2 parallel machines can be divided into phase 120V/240V
- Can work with or without batteries
- Max. 6 parallel machines



Model	LN-MF3KL-SL1
Rated Power (kW)	3
System DC Voltage (V)	48
Parallel Option	Yes, up to 6 units
Monitoring Option	WiFi or GPRS
AC Voltage (V)	110~110~120
Surge Power (kVA)	6
Peak Efficiency	90%
Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliances)
Waveform	Pure Sine Wave
Max. PV Array Open Circuit Voltage (V)	250
Max. PV Array Power (kW)	4
Operating Voltage MPPT Range (V)	120~250
Battery Overcharge Protection (V)	60
Max. Solar Charge Current (A)	80
Max. AC Charge Current (A)	40
Max. Charge Current (A)	80
Max. PV Input Current (A)	22
Dimensions W*H*D (mm)	320 × 470 × 135 (12.6 × 18.5 × 5.32 in)
Net Weight (kg)	11.5 (25 lbs)
Communication Interface	USB/CAN/RS485
Relative Humidity	5%~95% (No Condensation)
Operating Temperature (°C)	0~50 (0~122°F)
Storage Temperature (°C)	-15~60 (5°F~140°F)