

# NE02-M03KW01

# NE02-L05KW01



NE02-M03KW01/NE02-L05KW01 This is a multi-function inverter/ charger, combining functions of inverter, solar charger and battery charger to offer uninterruptible power support with portable size. The interactive design of buttonless touch screen makes the operation infinitely simple. By cooperating with the remote monitoring app, it is possible to understand the power generation situation in real-time, while also upgrading programs and setting key parameters remotely.

## Features

- Pure sine wave inverter
- Configurable input voltage range for home appliances and personal computers via LCD setting
- Configurable battery charging current based on applications via LCD setting
- Configurable AC/ Solar Charger priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload/ Over temperature/ Short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

## Specifications

Model	NE02-M03KW01	NE02-L05KW01
Input		
Input Sources	L+N+PE	
Rated Input Voltage	208/220/230/240VAC	
Voltage Range	154~264 VAC+3V (APP Mode)/ 185~264vac+3 (UPS Mode)	
Frequency	50HZ/ 60HZ ( Auto Adaptive )	

Output		
Rated Capacity	3000W	5000W
Output Voltage	208/220/230/240VAC+ 5%	
Output Frequency	50/60HZ+0.1%	
Waveform	Pure Sine Wave	
Transfer Time (Adjustable)	Computers (UPS Mode) 10ms, Appliance (APP Mode) 20ms	
Peak Power	6000W	10000W
Over Load Ability	Battery Mode: 1min @102 %~110% Load; 10s @110 %~130% Load; 3s @130 %~150% Load; 200ms @>150% Load	
Peak Efficiency (Battery Mode)	>94%	
Battery		
Battery Voltage	51.2Vdc	
Constant Charging Voltage (Adjustable)	57.6Vdc	
Floate Charging Voltage (Adjustable)	44.8Vdc	
Chargers		
PV Charging Mode	MPPT	
MAX.PV Input Power	5500W	
MPPT Tracking Range	120~430Vdc	
MAX. PV Input Voltage	450Vdc	
Best Open Circuit Voltage Range	370~430V	
Best Voltage	300~340V	
MAX. PV Charging Current	80A	
MAX. AC Charging Current	80A	
MAX. Charging Current	80A	
Display		
LCD Display	LCD Touch Screen, Display running mode/ Loads/ Input/ Output etc	
Interface		
RS232	5PIN/ Pitch2.0mm, Baud Rate2400	
Communication Port	2X5 PIN/Pitch 2.54mm, Lithium Lattery BMS Communication Card, Wifi Card, Dry Contact	
Parallel Connect Interface	With parallel	
Environments		
Operating Temperature	0~40°C	
Humidity	20%~95% (non-condensing)	
Storage Temperature	-15~60°C	
Altitude	Altiude not over 1000m, Derating over 1000m, Max 4000m, Refer to IEC 62040	
Noise	≤50db	

