

# REVO-II Series

## Hybrid Energy Storage Inverter



### Product Snapshot

Model: 3-5.5kW  
 Nominal Voltage: 220/230/240VAC  
 Frequency Range: 50Hz/60Hz



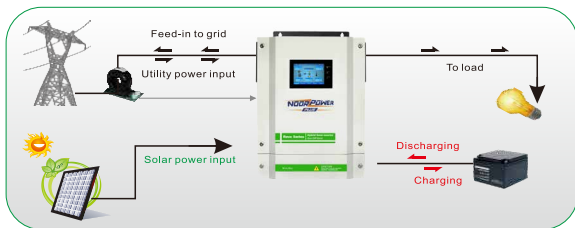
Touch Display Screen



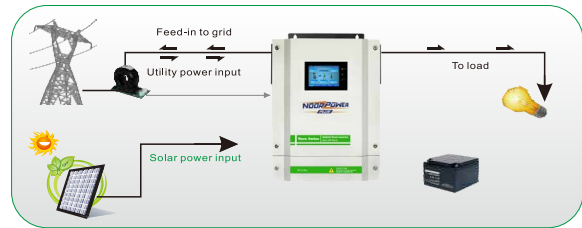
Dust Proof

### Hybrid Operation

#### With battery connected

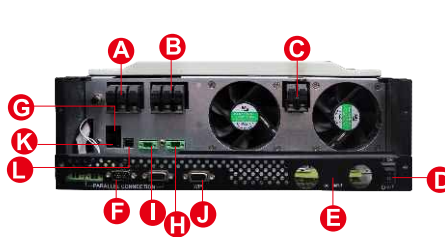


#### Without battery connected

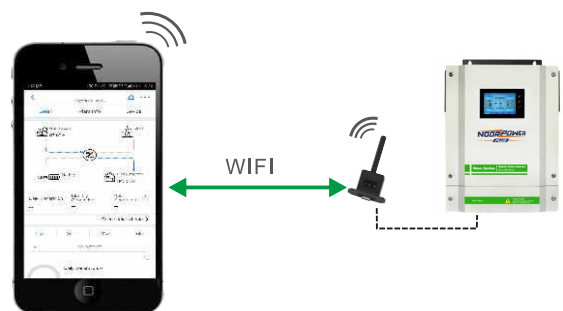


### Key Features:

- Touch screen display.
- PV and utility power the load at same time ( can setting ).
- Output power factor PF=1.0 .
- On&Off Grid with energy storage.
- Energy generated record, load record, history information and fault record.
- Structure with dust filter.
- AC charging start and stop time setting.
- External Wi-Fi device optional.
- Parallel operation up to 9 units .
- Connected with battery optional.
- Wide PV input range 120-450VDC.
- Independent CPU.
- MAX PV Array power 5000W.
- Solar and Utility supply power to the load When solar power is not sufficient to load.
- The CT sensor will monitor the power consumption of the system and will make sure no excess PV power is delivered to the Grid.

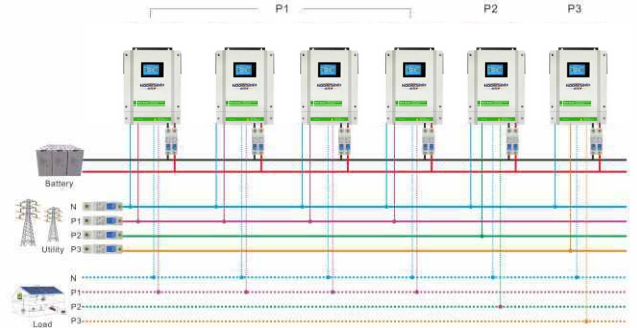


- A AC input
- B AC output
- C PV input
- D ON/OFF switch
- E DC input
- F Parallel connection terminal
- G CAN
- H Dry contactor
- I CT
- J Wifi
- K RS232
- L USB



■ Single phase output up to 49.5KW using 9 units

■ Three phase output using either 3 units(16.5KW)or max 9 units(49.5KW)



## REVO-II Series

### Wall Mounted Integrated Solar Power Inverter Technical Specification Built-in MPPT Solar Controller

MODEL	REVO II 3k-24	REVO II 3.2k-48	REVO II 5.5k-48
Max PV Array Power		5000W	
Rated Output Power	3000W	3200W	5500W
Maximum PV Array Open Circuit Voltage		500VDC	
MPPT Range @ Operating Voltage		120-450VDC	
<b>GRID-TIE OPERATION</b>			
GRID OUTPUT (AC)			
Nominal Output Voltage		220/230/240VAC	
Output Voltage Range		184-265VAC	
Nominal Output Current	13.6A/13.0A/12.5A	14.5A/13.9A/13.3A	25A/23.9A/22.9A
Efficiency		Up to 93.5%	
<b>OFF-GRID, HYBRID OPERATION</b>			
GRID INPUT			
Acceptable Input Voltage Range		120-280VAC or 170-280 VAC	
Frequency Range		50Hz/60Hz (Auto sensing)	
BATTERY MODE OUTPUT (AC)			
Nominal Output Voltage		220/230/240VAC	
Output Wave form		Pure sine wave	
BATTERY & CHARGER			
Nominal DC Voltage	24VDC	48VDC	
Maximum Solar Charge Current		90A	
Maximum AC Charge Current		60A	
Maximum Charge Current		90A	
<b>Emergency output power</b>			
Maximum output Power	3000W	3200W	5500W
Surge Power	6000W	6400W	11000W
Automatic Transfer Time		<8ms	
<b>GENERAL</b>			
INTERFACE			
Parallel Function		Yes	
Communication		USB or RS232/Dry-Contact	
ENVIRONMENT			
Humidity		0~90% RH (No Condensing)	
Operating Temperature		0 to 50 °C	
Net Weight(KG)	11.75		11.9
Gross Weight(KG)	12.75		13.1
Dimension (W x D x H)mm		345x476x133.2	