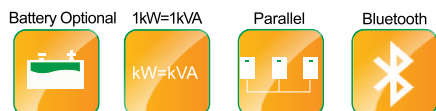


# marvel<sup>®</sup>Tech

## Off Grid Energy Storage Inverter

### 8KW



### Product Snapshot

Model: 8KW

Nominal Voltage: 230VAC

Frequency Range: 50Hz/60Hz

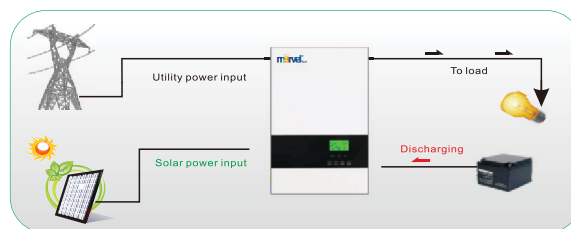
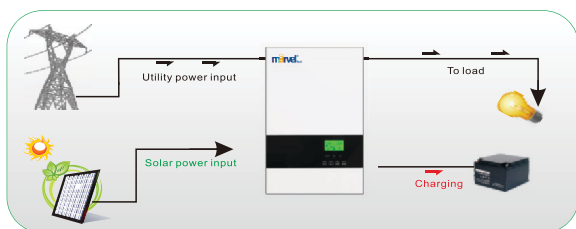
### Key Features:

- Built-in two 4000W MPPTs, with wide input range: 120-450VDC
- Parallel 6 units
- Communication WIFI or bluetooth
- Operation without battery
- Built-in BMS
- With Touch Buttons
- Reserved communication ports (RS232, RS485, CAN)

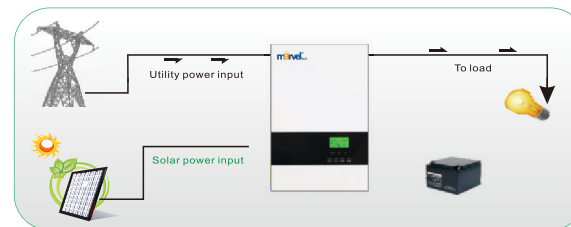
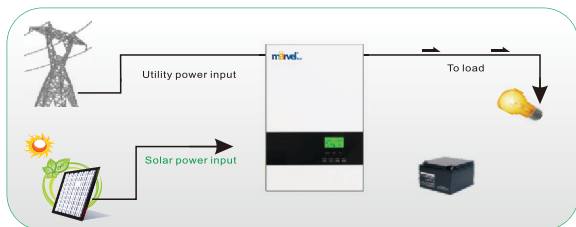


### Hybrid Operation

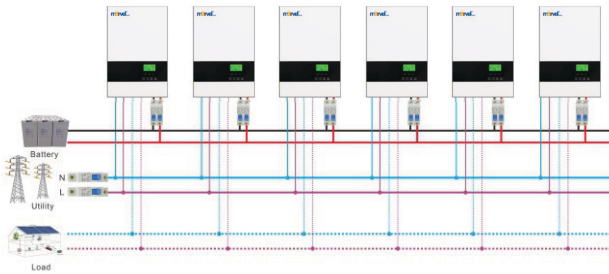
#### With battery connected



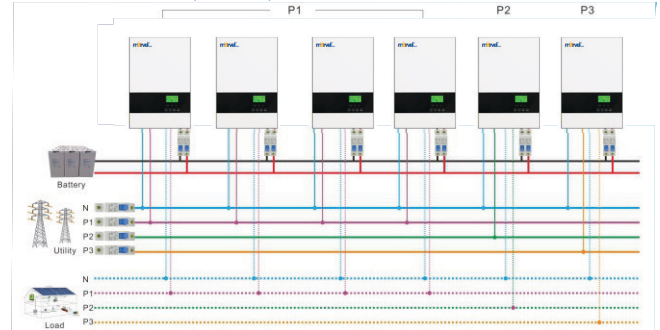
#### Without battery connected



■ Single phase output up to 48 KW using 6 units



■ Three phase output using either 3 units( 24 KW)or max 6 units( 48 KW)



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

MODEL	MP8048-II
Rated Power	8000VA/8000W
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation(Batt. Mode)	230VAC $\pm$ 5%
Surge Power	16000VA
Efficiency (Peak)	up to 93.5%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	60VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit Voltage	450VDC
Maximum PV Array Power	4000W*2
MPPT Range @ Operating Voltage	120~450 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	420X561.6X152.4
Net Weight (kgs)	21
Communication Interface	USB/RS232
<b>ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Note:Product specifications are subject to change without further notice.  
SSI20-0000012-04