

# INVS 3 Series

## Hybrid Energy Storage Inverter

8KW

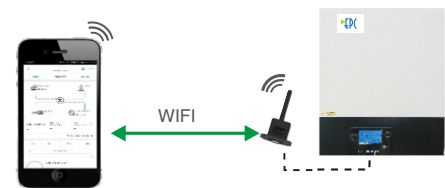


### Product Snapshot

Model: 8KW  
 Nominal Voltage: 230VAC  
 Frequency Range: 50Hz/60Hz



Touch Display Screen



### Key Features:

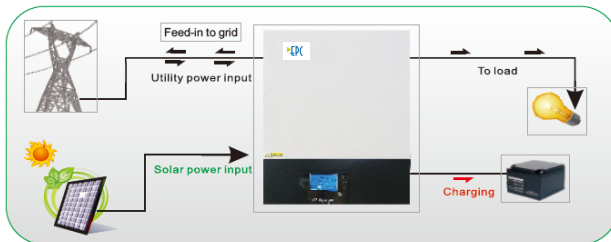
- Detachable touch screen control module with various communications
- PV and utility power the load at the same time ( can be set ).
- Output power factor PF=1.0.
- Energy generated record, load record, history information and fault record.
- Support Peak-Valley Charge
- Parallel operation up to 6 units .
- Built-in two 4000W MPPTs, with wide input range: 120-450VDC
- Reserved communication ports(RS232,RS485,CAN)



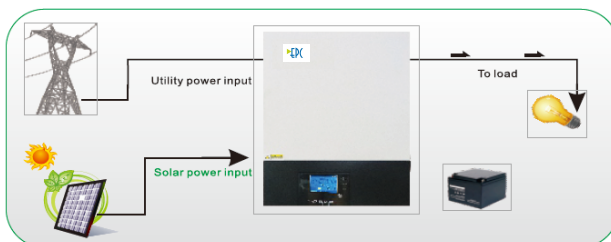
- A Removable screen port
- B Generator dry contactor
- C USB
- D For BMS (Rs485 or CAN)
- E Rs232
- F PV Input 1 and PV Input 2
- G AC Input
- H AC output
- I Parallel port
- J Battery Input
- K WIFI port

### Hybrid Operation

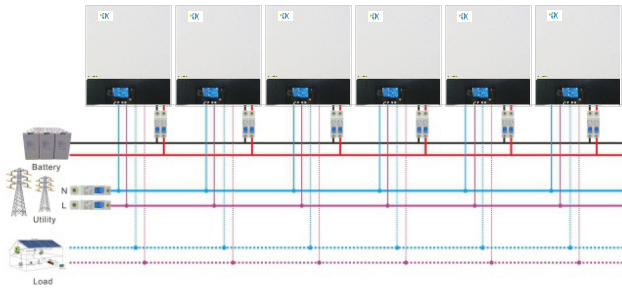
#### With battery connected



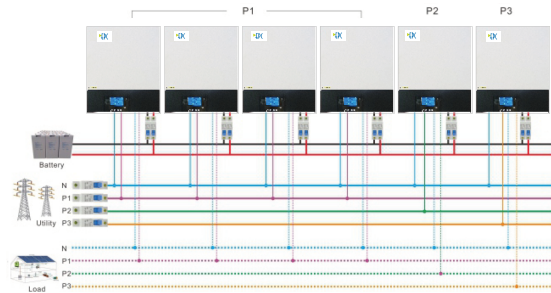
#### Without battery connected



■ Single phase output up to 48 KW using 6 units



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



## INVS 3 Series

### Wall Mounted Integrated Solar Inverter Technical Specification

#### Built-in MPPT Solar Controller

MODEL	INVS 3 8000
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 ± 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	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	4000 W X2
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.