

ON/OFF GRID MVEHTER WIH STORAGE

VII HYBRID SERIES

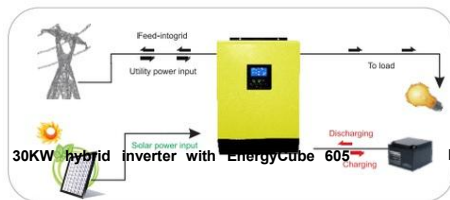


Product Features

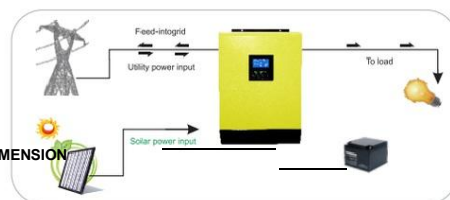
- Hybrid solar inverter(on/off grid inverter)
- Output power factor 1.0
- On-grid with energy storage
- Configurable AC/Solar charger priority via LCD setting
- Battery equalization function to optimize battery performance and extend lifecycle
- External Wifi devices.
- Parallel operation with up to 9 units (45KVA)

System connection

With battery connected



Without battery connected



Model	VII HYBRID 5KW
Max PV Array Power	5000W
Rated Output Power	5000W
MPPT Range Operating Voltage	120-450VDC
GRID-TIE OPERATION	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	184-265VAC
Nominal Output Current	25A/23.9A/22.9A
Efficiency	Up to 93.5%
OFF-GRID, HYBRID OPERATION	
Acceptable Input Voltage Range	120-280VAC
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	48VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
EMERGENCY OUTPUT POWER	
Maximum outputPower	5500W
Automatic Transfer Time	<8ms
GENERAL	
Parallel Function	Yes,9 Units
Communication	USB or RS232 / Dry-Contact
ENVIRONMENT	
Humidity	0-90% RH (No Condensing)
Operating Temperature	0 to 50°C
Net Weight(KG)	11.35
Rough Weight(KG)	12.35
Dimension (WxDxH) mm	295x468.6x120.2

