

DEVSOL HYBRID INVERTER

2000 VA - 3000 VA

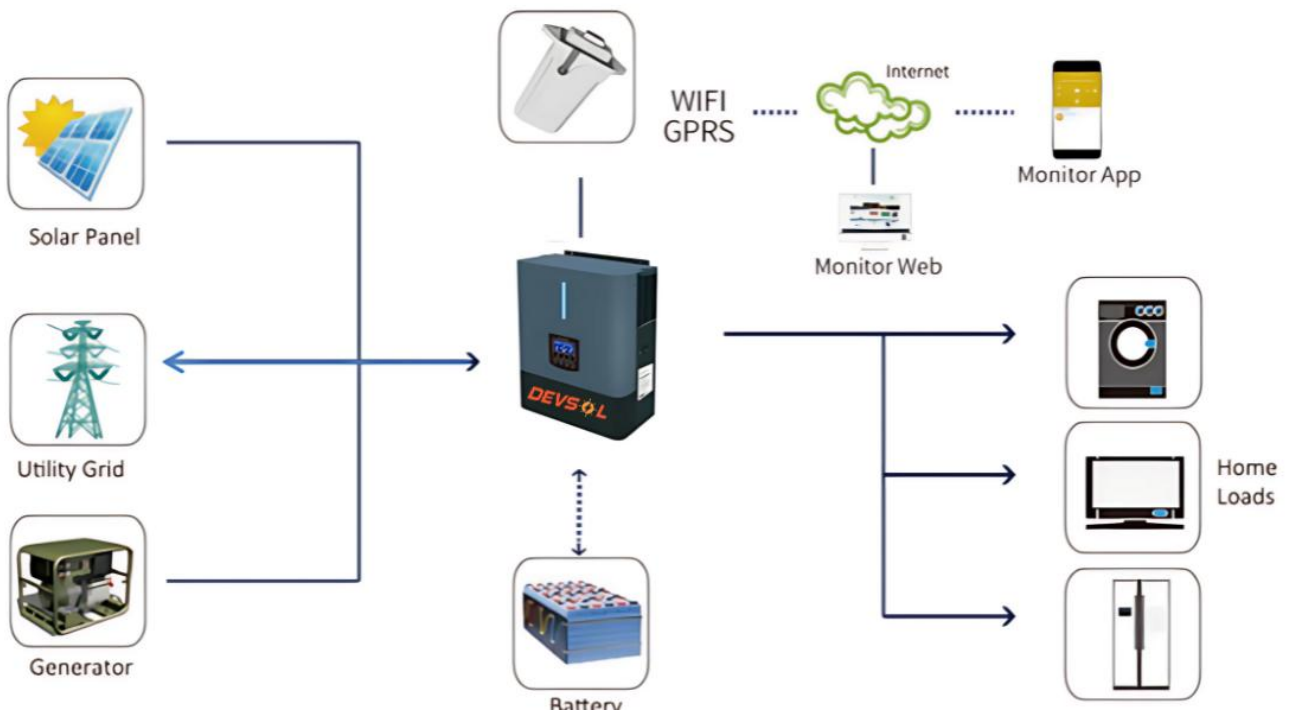


PRODUCT FEATURES

- A combination of inverter, solar charger and battery charger.
- Powerful bypass function with uninterrupted power supply function.
- Configurable AC/Solar input priority via LCD setting.
- Cold start function.
- Overload/ Over temperature/short circuit protection.
- Compatible with mains voltage or generator power.
- Status indication with RGB lights.
- Compatible with AGM/Sealed, Gel,Flooded,Lithium batteries and a User Mode for custom inputs to work with virtually all battery types.
- Self-consumption and Feed-in to the grid.
- Overload, short circuit, over discharge protection.
- MPPT solar charge controller to maximize and regulate.
- DC power from the solar array to charge the battery bank.
- Cold start and the smart battery charger design optimizes battery performance.
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup.



DEVSOL HYBRID SOLAR INVERTER SYSTEM



Devsol Hybrid Inverter

DATENBLATT	DEVHYD 2 KW -24	DEVHYD 3KW-24
Max PV Array Power	3000W	3500W
Rated Output Power	2000W	3000W
Maximum PV Array Open Circuit Voltage	450VDC	
MPPT Range @Operation Voltage	60-430Vdc	
MPPT Tracker Number	1	
GRID-TIEOPERATION		
GRID OUTPUT (AC)		
Nominal Output Voltage	220/230/240VAC	
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC(Selectable)	
Nominal Output Current	8.7A	8.7A
Power Factor	>0.99	
EFFICIENCY		
Maximum Conversion Efficiency(DC/AC)	95%	95%
OFF-GRID, HYBRID OPERATION		
GRIDINPUT		
Acceptable input Voltage Range	90-280VACor 170-280VAC	
Frequency Range	50Hz/60Hz (Auto sensing)	
Maximum AC Input Current	30A	30A
BATTERY MODE OUTPUT (AC)		
Nominal Output Voltage	220/230/240VAC	
Output Waveform	Pure sine wave	
Efficiency (DC to AC)	93%	
BATTERY&CHARGER		
Nominal DC Voltage	24V	24V
Maximum Solar Charge Current	80A	80A
Maximum AC Charge Current	80A	80A
Maximum Charge Current	80A	
GENERAL		
PHYSICAL		
Dimension, D*W*H(mm)	128*300*363	
Net Weight(kgs)	6.3	6.5
Communication Interface	USB/RS232/RS485/WiFi	
LCD Display	General LCD	
OPERATION ENVIROMENT		
Humidity	5 % to 95 % Relative Humidity (Non-condensing)	
Operating Temperature	0°C-55°C	
Storage Temperature	-15°C-60°C	

*Product specifications are subject to change without further notice