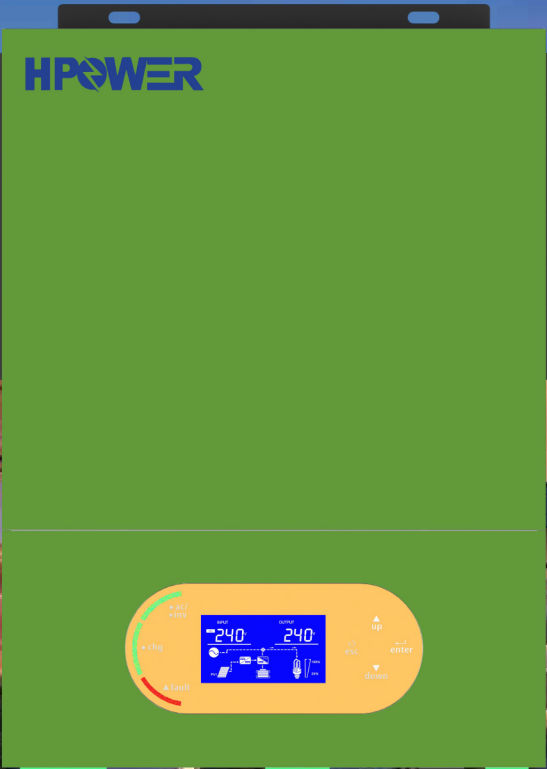


HPOWER PRO

OFF GRID Energy Storage Inverter

series 1.6/3.2 /5.5kW



MPPT

Pure sine wave MPPT solar inverter
Bulit-in 80/100A MPPT solar charger



OFF-Grid

series is suitable for off-grid applications.



Battery

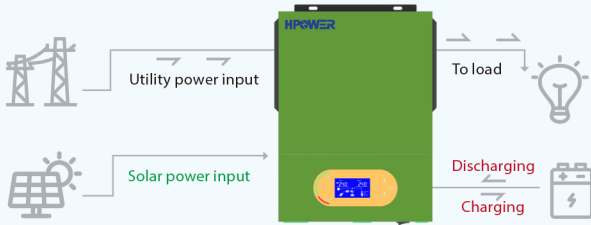
Battery equalization function extend life cycle
Reserved communication port(RS485,CAN)for BMS



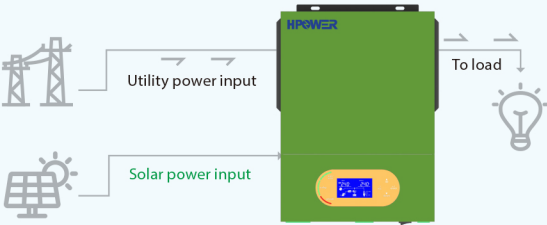
Easy access

High PV input voltage range
With touch buttons

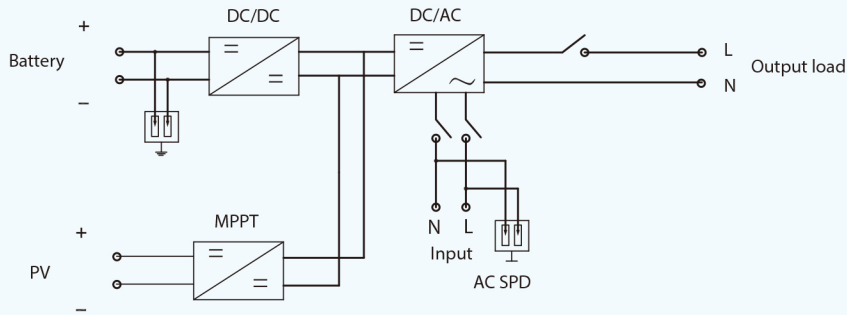
With battery connected



Without battery connected



Schematic diagram



HPOWER

Technical Specification	HPOWER PRO		
Rated Power	1600VA/1600W	3200VA/3200W	5500VA/5500W
AC INPUT			
Voltage	230VAC (220VAC/240VAC)		
Selectable Voltage Range	170-280VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)		
Frequency Range	50/60Hz (Auto sensing)		
AC OUTPUT			
AC Voltage Regulation (Battery Mode)	230VAC ± 5%		
Surge Power	3200VA	6400VA	11000VA
Efficiency (Peak)	93%		
Transfer Time	10ms (For Personal Computers) ; 20ms (For Home Appliances)		
Wave Form	Pure sine wave		
BATTERY			
Battery Voltage	12VDC	24VDC	48VDC
Floating Charge Voltage	13.5VDC	27VDC	54VDC
Overcharge Protection	16VDC	33VDC	63VDC
SOLAR CHARGER AC CHARGER			
Maximum PV Array Open Circuit Voltage	500VDC		
Maximum PV Array Power	2000W	3500W	5500W
MPPT Range Operating Voltage	60~450VDC		60~450VDC
Maximum Solar Charge Current	80A		100A
Maximum AC Charge Current	60A		80A
Maximum Charge Current	80A		100A
GENERAL PARAMETERS			
Operation Temperature	-10° C to 50° C		
Relative humidity	5% to 95% Relative Humidity (Non-condensing)		
Dimensions D x W x H(mm)	348*270*95		400*300*115
Net Weight(KG)	5	5.5	9
DISPLAY AND COMMUNICATION			
Communicaton Interface	Standard:USB/RS232; Optional: CAN&RS485		
Safety standard	EN/IEC62109-1, EN/IEC62109-2		

Référence article	Désignation	TARIF TTC	
		SANS BMS	AVEC BMS
1SL23O1.6PRO	ONDULEUR OFF GRID HPOWER PRO 1.6 KW 12VDC 230V	5172,00	5430,00
1SL23O3.2PRO	ONDULEUR OFF-GRID HPOWER PRO 3.2 KW 24VDC 230V	5568,00	5850,00
1SL23O5.5PRO	ONDULEUR OFF-GRID HPOWER PRO 5.5 KW 48VDC 230V	8316,00	8724,00
1SL23O5.5WPRO	ONDULEUR OFF-GRID HPOWER PRO 5.5 KW 48VDC 230V AVEC WIFI	9900,00	