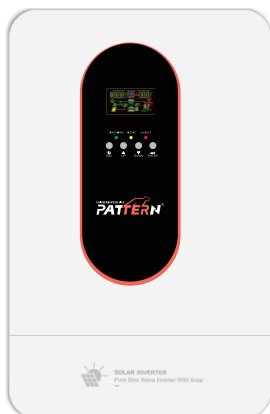


SOLAR INVERTER



PT-HDP6248
6.2KW 48V

- High frequency Hybrid inverter (with grid feeding function).
- 27A PV input current support bigger PV input power.
- PV mode load ability more than DC mode .
- Maximum PV Efficiency with complementary for PV and mains .
- Output Power Factor 1.0
- Support Lithium battery's BMS communication , activation and wake up Function.
- 6.2KW 8.6KW 11KW optional parallel upto 9 pcs . Supporting parallel to be 3 phase .
- Dual Output,Supporting working without battery , WIFI optional , Dry contact for generator self-start .
- Real-time display load system's , Helpful for tracing the system's output .
- Pure sine wave output , strong load ability for different load system.
- Full protection with output short-circuit & EMI filter Stronger when Strike & unstable mains condition.
- User's settable in multi-functions .

Hybrid Inverter E A E model			PT-HDP6248
Model			
Input	Input Standard	L+N+PE	
	Input Voltage	220/230/240VAC	
	Voltage Range	90-280VAC±3V (normal mode) 170-280VAC±3V (UPS mode)	
	Frequency Range	50Hz/60Hz(Auto Adjust)	
Output	Output Power	Battery Mode	6200W
		PV Mode	6500W
	Output Voltage	220/230/240VAC±5%	
	Output Frequency	50/60Hz±0.1%	
	Wave Form	Pure sine wave	
	Transfer Time (Adjustable)	Computer IT systems select UPS mode at 10ms, Home appliance normal mode at 20ms	
	Peak Power	12400VA	
	Overload Ability	Battery Mode:11s@105%~150% Load;2s@150%~200% Load;400ms@>200% Load	
Feed-in grid operation	Output Voltage	220/230/240VAC	
	Feed-in grid voltage range	170-265VAC	
	Feed-in grid frequency range	49-51±1Hz/59-61±1Hz	
	Nominal Output Current	26.9A	
	Power factor range	>0.99	
Battery	Maximum Transfer Range(DC/AC)	98%	
	Nominal Voltage	48VDC	
	Constant charging voltage (adjustable)	56.4VDC	
	Float charging voltage charging voltage (adjustable)	54VDC	
Solar Charge Controller -MPPT	Controller Type	MPPT	
	PV Maximum Power	8500W	
	MPPT Voltage Range	60-500VDC	
	Best Vmp Working Range	360~430VDC	
	Maximum PV Input Voltage	500VDC	
	Maximum PV Input Current	27A	
	Maximum PV Charging Current	120A	
	Maximum AC Charging Current	100A	
Display	Maximum Charging Current	120A	
	LCD	Display system's working mode / input / output / load / battery etc.	
Connect Port	RS232	Bd2400	
	Expansion Slot For Communication	RS 232, RS 485 , Lithim battery BMS、WIFI、Dry contact	
	Parallel	Optional Parallel(feed-in grid)	
Environment Parameter	Operating Ambient Temperature	-10~50℃	
	Operating Ambient Humidity	20%~95%(Without Condensation)	
	Storage Temperature	-15~60℃	
	Altitude	Altitude≤1000m,Maximum 4000m ; The higher altitude , the less load . Reference IEC62040	
Phisycal Parameter	Noise	≤50db	
	L×W×H(mm)	495x312x125	
Packing Parameter	L×W×H(mm)	592x392x185	
	G.W.(KG)	8.5	