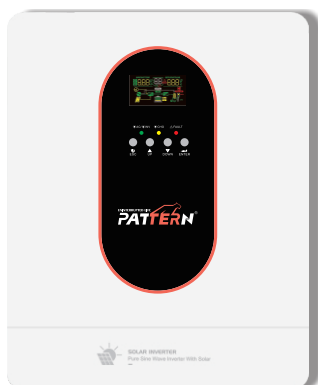


SOLAR INVERTER



PT-HD2012
2KW 12V

- High frequency Hybrid inverter
- Output Power Factor 1.0
- Support Lithium battery's BMS communication , activation and wake up Function.
- 8.6KW 11KW optional parallel upto 9 pcs . Supporting parallel to be 3 phase .
- 4.2KW 6.2KW 8.6KW 11KW with feed-in grid , support Dual Output, Supporting working without battery , WIFI optional , Dry contact for generator self-start ;
- 2K/1.6KW 3KW single output, system working with battery;
- 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 protection.
- User's settable in multi-functions

Hybrid Inverter E A E model		
Model		PT-HD2012
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 PV Mode 1600W
	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	3200VA
	Overload Ability	Battery Mode:11s@105%~150% Load;2s@150%~200% Load;400ms@>200% Load
	Output Voltage	NONE
Feed-in grid operation	Feed-in grid voltage range	NONE
	Feed-in grid frequency range	NONE
	Nominal Output Current	NONE
	Power factor range	NONE
	Maximum Transfer Range(DC/AC)	NONE
Battery	Nominal Voltage	12VDC
	Constant charging voltage (adjustable)	14.1VDC
	Float charging voltage charging voltage (adjustable)	13.5VDC
Solar Charge Controller -MPPT	Controller Type	MPPT
	PV Maximum Power	2000W
	MPPT Voltage Range	30~500VDC
	Best Vmp Working Range	300~400VDC
	Maximum PV Input Voltage	500VDC
	Maximum PV Input Current	13A
	Maximum PV Charging Current	100A
	Maximum AC Charging Current	60A
Display	LCD	Display system's working mode / input / output / load / battery etc.
	RS232	Bd2400
Connect Port	Expansion Slot For Communication	RS 232, RS 485 , Lithim battery BMS ,WIFI ,Dry contact
	Parallel	NONE
Environment Parameter	Operating Ambient Temperature	-10~50°C
	Operating Ambient Humidity	20%~95%(Without Condensation)
	Storage Temperature	-15~60°C
	Altitude	Altitude≤1000m,Maximum 4000m ; The higher altitude , the less load . Reference IEC62040
Phisycal Parameter	Noise	≤50db
	L×W×H(mm)	403*304*114
Packing Parameter	L×W×H(mm)	480*338*190
	G.W.(KG)	6.57