

HP PRO-T SERIES

HIGH FREQUENCY HYBRID INVERTER



Pure sine wave



MPPT



WiFi



Alarm & Protection



Configurable Battery



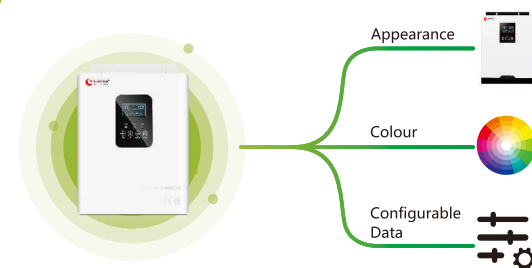
RS232/RS485



Features

- High-frequency, high power density, high efficiency, and low no-load loss.
- Can setting charge and discharge voltage parameters, suitable for different types of batteries.
- Can setting the charging current, the user's battery capacity configuration is more flexible.
- Can setting the output voltage/frequency to adapt to different grid .
- Support gas generator input, suitable for different applications.
- LED+LCD display is easy to operate, and the operating data is show clear.

OEM/ODM



Application



Residential



Office



Network Equipment



Power Tools



Telecom



Grassland



Technical Parameters

Model: HP PRO-T	10212	15224	20224	32224	50248	72248	80248
Power							
Rated Power	1000W	1500W	2000W	3200W	5000W	7200W	8000W
Battery							
Standard Battery Voltage	12VDC	24VDC		48VDC			
Battery Type	Lead-acid battery/Lithium battery/Custom battery						
Maximum Charging Current (PV+AC)	120A	100A	110A	100A	100A	150A	
Maximum PV Charging Current	60A	60A	60A	100A	100A	150A	
Maximum AC Charging Current	60A	40A	50A	60A	60A	80A	
MPPT Solar Charge Controller							
Max PV Input Voltage(Voc) (At The Lowest Temperature)	120VDC		500VDC		500VDC		
Maximum PV Input Power/ Tracking Channels	840W	1680W	4000W	6000W	4500Wx2		
MPPT Tracking Voltage Range	15V-80VDC	30V-100VDC	120V-450VDC	120V-450VDC			
AC Input							
Rated Input Voltage	220VAC /230VAC/ 240VAC						
AC Input Voltage Range	170VAC~280VAC (UPS mode) / 120VAC~280VAC (INV mode)						
AC Input Frequency	43Hz~53Hz (50Hz) , 53Hz~63Hz (60Hz)						
AC Output							
Output Wave	Pure sine wave						
Conversion Efficiency(INV mode)	94% (peak value)						
Output Voltage/Frequency	220VAC±2% / 230VAC±2% / 240VAC±2%, 50Hz±1% or 60Hz±1% (INV mode)) follow input (mains mode)						
Other							
Protection	Battery undervoltage protection/Battery overvoltage protection/Overload power protection/ Inverter output short circuit protection/Temperature protection						
Protection Degree	IP20						
Display	LCD+LED						
Cooling Method	Cooling fan in intelligent control						
Communication	Rs485 communication/RS232, mobile APP (WIFI monitoring or GPRS monitoring)						
Working Mode (configurable)	Mains priority/Battery priority/Photovoltaic priority						
Operating Temperature	-15°C~40°C						
Relative Humidity	0%~95%, no condensation						
Dimensions and Weight							
Product Size (L*W*Hmm)	355*272*91.5		400*315*101.5	440*342*101.5	525*355*115		
Package Size(L*W*Hmm)	443*350*187		488*393*198	528*420*198	615*435*210		
N.W.(kg)	6.5		8.5	10	14		
G.W.(kg)	7.5		9.5	11	15.5		

Note: 1. Model of 10212/15224/20224 only support mains priority mode and battery priority mode, PV priority work mode is not supported.
2. All specifications are subject to change without prior notice.