



MAXPOWER

PV TECH 1200

SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Built-in 60A Solar Charger
- PV Input Voltage Range 18-125V
- Pure Sine Wave
- LED Display
- Support Lithium ion / Lead-acid Battery
- Lithium ion Battery Activation
- Rated Output 1.2KW
- Detachable Dust Cover

MODEL	PV Tech 1200
AC Input	
Rated Input Voltage (VAC)	208 / 220/230 / 240; L + N + PE
Voltage Range (VAC)	90-28033 (normal mode); 170-28033 (UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
AC Output	
Rated Capacity (KW)	1.2
Surge Power (KVA)	2.4
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	10min @ 102%-120% load; 60s@ 120%-150% load; 10s@ 150%-200% load
Max. Efficiency (Battery Mode)	90%@ 12VDC
Parallel Quantity	NA
Charger (PV/AC)	
Solar Charger Type	MPPT
Max PV input current / power	12A / 1000W
MPPT Range@ Operating Voltage (VDC)	18 ~ 100
Max PV Open Circuit Voltage (VDC)	125
Max PV Charge Current (A)	60
Max AC Charge Current (A)	60
Max. Charge Current (PV + AC) (A) Battery	120
Battery	
Normal Voltage (VDC)	12
Floating Charge Voltage (VDC)	13.8
Overcharge Protection (VDC)	15
Battery Type	Lithium ion and Lead - acid
Interface	
HMI	LCD
Interface	RS 232 / RS485
Monitoring	NA
General Data	
Ingress Protection	IP21
Operating Temperature	-10 °C-60 °C
Relative Humidity	5%-95% (Non-condensing)
Storage Temperature	-15 °C-60 °C
Net Weight (kg)	3.2
Dimensions (W*H*D)	347 *236*91 mm
Max. Operating Altitude Activation	4000m (Derating above 1000m)
Activation	
AC Activation	Yes
PV Activation	Yes

* Product specifications are subject to change without prior notice for continuous improvement