

MODEL	PV-Tech 6000
AC Input	
Rated Input Voltage (VAC)	208 / 220/ 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
AC Output	
Rated Capacity (KW)	5
Surge Power (KVA)	10
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)	1min@102% - 120% load, 10s@>120% load
Max. Efficiency (Battery Mode)	93.5%@ 24VDC
Parallel Quantity	NA
Charger (PV/AC)	
Solar Charger Type	MPPT
Max PV input current / input power	27A / 9000W
MPPT Range@ Operating Voltage (VDC)	60 - 450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	160
Max AC Charge Current (A)	160
Max. Charge Current (PV + AC) (A) Battery	160
Battery	
Rated Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium ion and Lead - acid
Interface	
HMI	LCD
Interface	RS232 / RS485 / CAN
Monitoring	WiFi (Built-in)
General Data	
Ingress Protection	IP21
Operating Temperature	-10 °C~50 °C
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-15 °C~60 °C
Net Weight (kg)	8.4
Dimensions (W*H*D)	410 *336* 110 mm
Max. Operating Altitude Activation	4000m (Derating above 1000m)

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