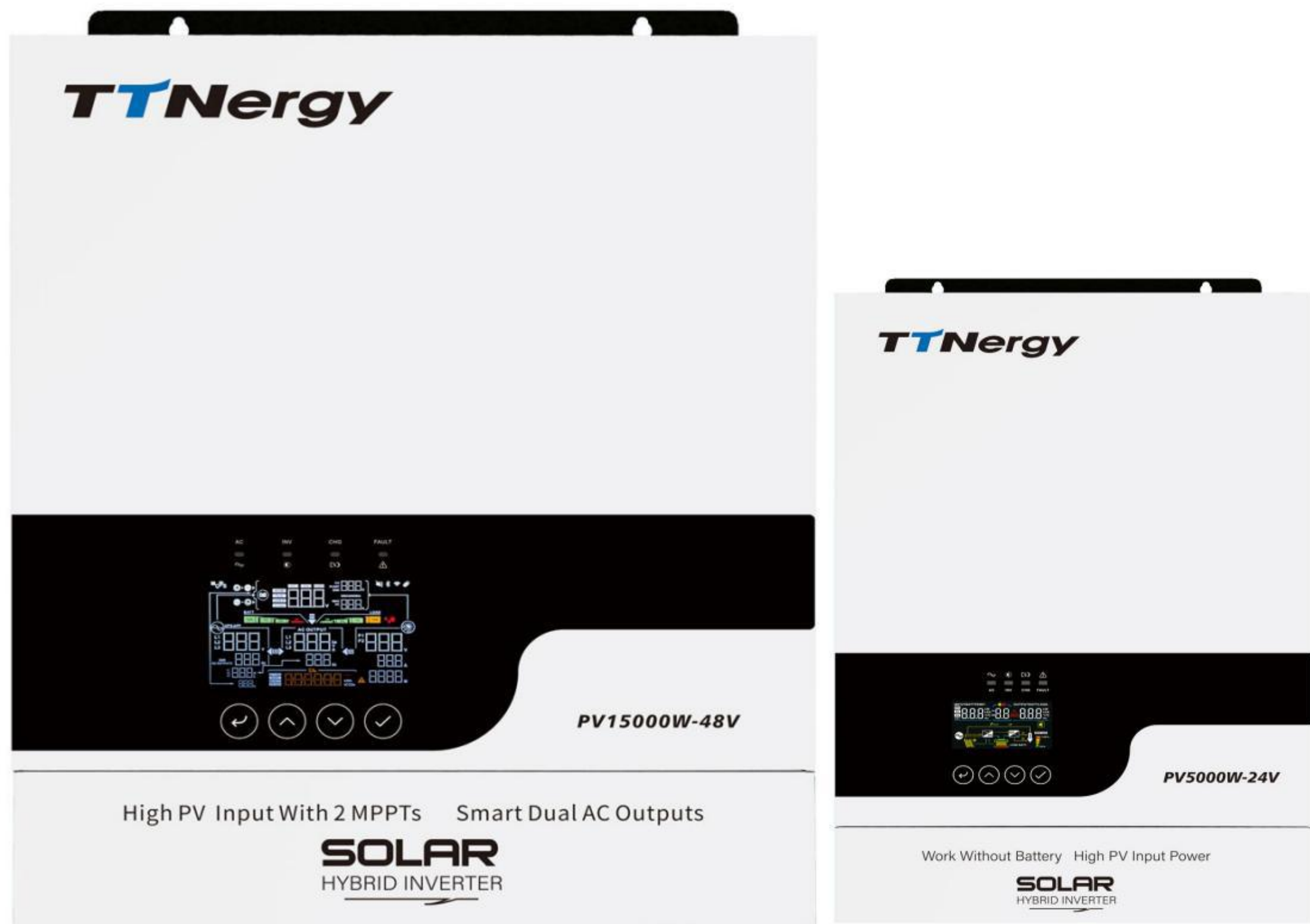
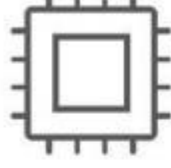




Hybrid Solar Inverter (TOUCH SCREEN 4.3")

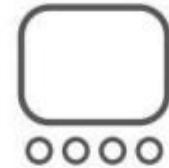
PLUS Series 1.5K - 2.5K - 5.0K - 6.5K -12K


Built-in 160A
Solar Charger

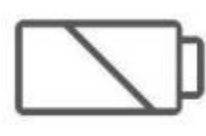

Wide PV Input Voltage
Range 60-500V


27A
MAX PV Input

DUAL
Dual AC Out


5 Inch Display

BMS
Support Lithium/
Lead-acid Battery


Lithium Battery
Activation


Feed-in
to Grid


WiFi
Monitoring(built-in)

Model	PLUS 1.5K	PLUS 2.5K	PLUS 4.0K	PLUS 5.0K	PLUS 6.5K	PLUS 12K
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)	90~280(APP/GEN mode); 170~264(UPS mode)	90~280±3(normal mode); 170~280±3(UPS mode)			
Frequency(Hz)	50/60(Auto Adaptive)					
AC Output						
Rated Capacity(kW)	1.5	2.5	4.0	5	6.5	12
Surge Power (kVA)	2-4	4	7-2	10	12	24
Voltage (VAC)	208/220/230/240					
Power Factor(PF)	1					
Frequency	50/60Hz±0.1%					
Switch Time(ms)	10(normal mode)/ 10(UPS mode)	10(APP/UPS mode)/ 20(GEN mode)	10(normal mode)/ 10(UPS mode)			10(APP/UPS mode)/ 20(GEN mode)
Wave Form	Pure Sine Wave					
Overload Capacity (Battery Mode)	60s@102%~110%load; 10s@110%~130%load; 3s@130%~150%load; 0.2s@>150%load	long term@102%- 125%load; 10s@125%- 250% load	60s@102%~110%load; 10s@110%~130% load; 3s@130%~150%load; 0.2s@>150% load	1min@102%~120%;10S@>120%Load		1min@102%~125%Load 10s@>125%Load
Max.Efficiency(Battery Mode)	90%@12VDC	91%@12VDC	92.7%@24VDC	93.5%@24VDC	94%@48VDC	94%@48VDC
Parallel Quantity	NA	NA	NA	NA	9	9
Charger(PV/AC)						
Solar Charger Type	MPPT					Dual MPPTs
Max PV input current/ power	18A/800W	18/3000W	18A/5000W	27A/9000w	27A/9000W	Using One MPPT:27A/9KW Using Two MPPTs:22.5A/Per MPPT,15KW/Total
MPPT Range@Operating Voltage (VDC)	17~115	30-400	40~450	60~450	60~450	60-450
Max PV Open Circuit Voltage (VDC)	115	450	500	500	500	500
Max PV Charge Current(A)	50A	100	100	160	120	160
Max AC Charge Current(A)	50A	100	100	160	120	160
Max.Charge Current(PV+AC)(A)	100A	100	100	160	120	160
Battery						
Rated Voltage(VDC)	12		24		48	
Battery Type	Lithium and Lead-acid					
Interface						
HMI	LCD					
Interface	USB(Optional)	RS485/CAN/RS232 /CT(optional) /Meter (optional)	RS485/RS232/USB /Dry Contact	RS232/RS485/CAN	RS232/RS485/USB	RS232/RS485/CAN
Monitoring	NA	WiFi (optional/built in/external)	WiFi(Optional)			
General Data						
Ingress Protection	IP21					
Operating Temperature	-10℃~60℃					
Relative Humidity	5% ~ 95%(Non-condensing)					
Storage Temperature	-15℃~60℃					
Net Weight (kg)	3.5	4.5	5.7	8.4	9.4	14
Dimensions (W*H*D)	320×227×100mm	375×290×100	435×285×98mm	410*336*110mm	440*335*117mm	525×435×138mm
Max.Operating Altitude	4000m (Derating above 1000m)					