



APS6500-6500Pro

Single Phase Off-grid Inverter

It is applicable to 208/220/230/240V voltage systems

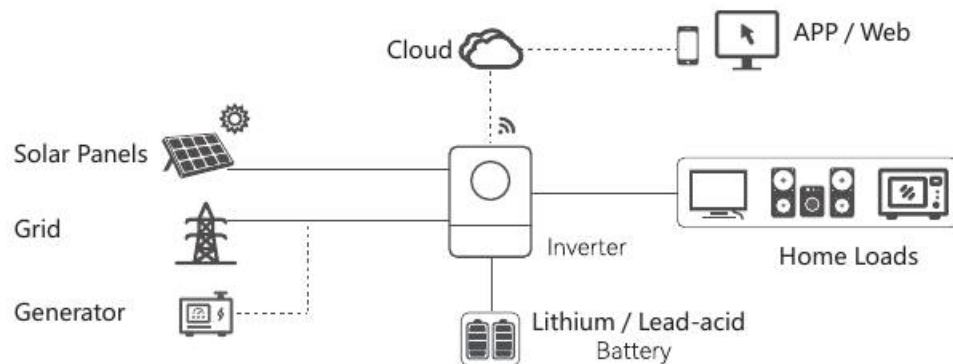


- Built-in 120A Solar Charger.
- Wide PV Input Voltage Range 60~450V.
- 28A MAX PV Input.
- Dual AC Output.
- Support Meter/CT Connection.
- Support Lithium/Lead-acid Battery.
- Lithium Battery Activation.
- Support Generator ATS Control.
- Feed-in to Grid.
- WiFi Monitoring(optional/built-in).

SKD
available



System Diagram



Technical Data

MODEL	APS6500-48		APS6500 Pro-48	
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)	6.5			
Surge Power (kVA)	13			
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, 1min@120%-150% Load 10S@150%-200% Load, 5s@ 200% Load			
Max. Efficiency (Battery Mode)	93%@48VDC			
Parallel Operation Support	NA		Yes	
Charger (PV / AC)				
Solar Charger Type	MPPT			
Max PV input current / power	28A / 9000W			
MPPT Range@Operating Voltage (VDC)	60~450			
Max PV Open Circuit Voltage (VDC)	520			
Max PV Charge Current (A)	120			
Max AC Charge Current (A)	120			
Max. Charge Current (PV + AC) (A)	120			
Battery				
Rated Voltage (VDC)	48			
Floating Charge Voltage (VDC)	54			
Overcharge Protection (VDC)	61			
Battery Type	Lithium and Lead-acid			
Interface				
HMI	LCD/RGB			
Interface	RS485 / CAN / RS232 / CT(optional)			
Monitoring	WiFi (built-in)			
General Data				
Ingress Protection	IP43			
Warranty	2 years			
Operating Temperature	-10 °C - 50 °C			
Relative Humidity	5% ~ 95% (Non-condensing)			
Storage Temperature	-15 °C - 60 °C			
Net Weight (kg)	10.7			
Dimensions (W*H*D)	514*338*136.5mm			
Max. Operating Altitude	4000m (Derating above 1000m)			

Product specifications are subject to change without further notice.