

HYBRID SOLAR INVERTER

XIO PRO 5



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

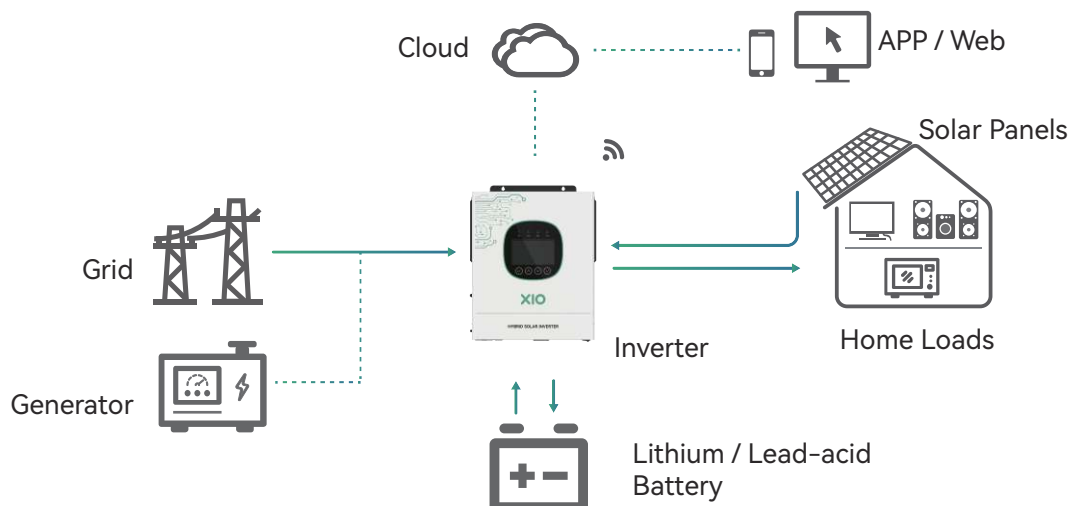


Feed-in
to Grid



WiFi
Monitoring(built-in)

SYSTEM DIAGRAM



SPECIFICATIONS

Model	XIO PRO 5
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280 (APP/GEN mode); 170~264 (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(APP/UPS mode), 20(GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (PV+Battery mode / PV mode)	1min@102%~120% load; 10s@ 120%~200% load
Max. Efficiency (Battery Mode)	93.5%@24VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max. PV Input Current (A) / Input Power (W)	27 / 9000
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)	160
Battery	
Rated Voltage (VDC)	24
Max. Charging Current (A)	160
Max. Discharging Current (A)	190
Battery Type	Lithium / Lead-acid
Interface	
HMI	LCD
Interface	RS232 / RS485 / CAN
Monitoring	WiFi (built-in)
General Data	
Ingress Protection	IP21
Operating Temperature (°C)	-10 ~ 60
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature (°C)	-15 ~ 60
Net Weight (kg)	8.4
Dimensions (H*W*D)	410*336*110mm
Max. Operating Altitude (m)	4000 (Derating above 2000)