

HOME POWER PLUS

10, 20, 30 kWh



SPECIFICATIONS

System Storage Capacity	10, 20, or 30 kWh
System Work Model	On and Off-Grid Hybrid
UPS Function	Yes
Cycle life	4,000+ cycles (daily use ~10+ yrs)
Integrated systems	AC & DC controllers, inverter, and BMS
System efficiency	92% (>70% Load)

AC INPUT

Input Voltage	Yes	96V to 132V
Input Frequency	59.3~60.5Hz (60Hz Default)	
Max Charge Power	10, 20, or 30 kWh	
Max Efficiency	> 92%	
AC Voltage Range	95-132Vac (60Hz Default)	

AC OUTPUT

Nominal AC Output Power	4 kW / 5.5 kW / 7 kW
Maximum AC Output Power	7 kW / 9.5 kW / 12 kW
AC Voltage (Nominal Inverter Voltage)	120 Vac / 240 Vac
Nominal Frequency	50Hz / 60Hz
Maximum Inverter Output Current (Nominal Inverter Voltage)	82 Amp @120V / 41 Amp @ 240V
Overload	100%-110% & 10 Min / 110%-150% & 10 Sec
Feed Back to Grid	Yes (Default)
Energy Consumption	Intelligent Control
Maximum Efficiency	95.7%

SOLAR PV INPUT

Maximum Input Power	Any
Start-up Voltage	45 V
MPPT Amount	1
MPPT Input Voltage	40~140V
MPPT Efficiency	94.7%
Maximum Input Voltage	150 VDC
Maximum Efficiency	> 95.7%
Solar Charging Model	MPPT

GENERAL

IP Protection	21
Connectivity	Cables Terminals
Communication	Monitoring
Using Conditions	Humidity: 5%-90%
Operating Temperatures	-13°F — 158°F
Warranty	2 Year Component / 10 Year Battery
Ventilation Location	Back
Dimensions	36" x 30" x 9" / 30" x 30" x 9"
Gross Weight	Up to 170 lbs (78 Kg) / 300 lbs (136 Kg)
Safety	UL 1741; CSA 107.1; UL 1642; UN 38.3