

Vestwoods SK-8LNA-A

Hybrid Inverter/Charger

General Inverter Specifications	
Number of Stackable Inverters	4
Nominal AC Input Voltage	120/240 VAC (L1/L2/N required)
Max AC Input Voltage Per Leg	140VAC
Nominal Input Frequency	50Hz/60Hz (auto detection)
Transfer Time	UPS Mode-10 ms typical Appliance Mode-20 ms typical
Backup Mode Specifications	
Rated Output Power	8000W
Output Voltage Waveform	Pure Sine Wave (<2% THD)
Output Voltage Regulation	120/240VAC +/- 2%
Output Frequency	50Hz or 60Hz (selectable)
Battery to Inverter Efficiency	97% peak
PV to Inverter Efficiency	95% peak
Overload Protection	5s @ 150% load 10s @ 110% to 150% load
Surge Capacity	12kW for 1 second
Solar Input Specifications	
Rated Power	12,000W (3000W per MPPT)
Max PV Array Open Circuit	500VDC
MPP Range	120VDC - 500VDC
Max Input Current Draw/Short Circuit Input Draw	12A/15A (per MPPT)
Number of MPPTs	4
Max Charging Current (PV alone or combined AC and PV)	190A
Environmental Specifications	
Operating Temperature Range	-25°C to 60°C
Application Type	Outdoor/Indoor
Humidity	0% to 95% relative humidity (non-condensing)
IP Rating	IP65/NEMA 3R
Idle Power Consumption	115W average
Operating Altitude	0 to 9,842.5 ft. (0 to 3000m)
Physical Specifications	
Dimensions (H×W×D)	28×17×8.6 in. (71×43×22 cm)
Net Weight	90.3 lbs. (41 kgs)

Note: Inverter does not support full *Zero Export* capability. Some power may be fed to the grid, especially due to surges.