



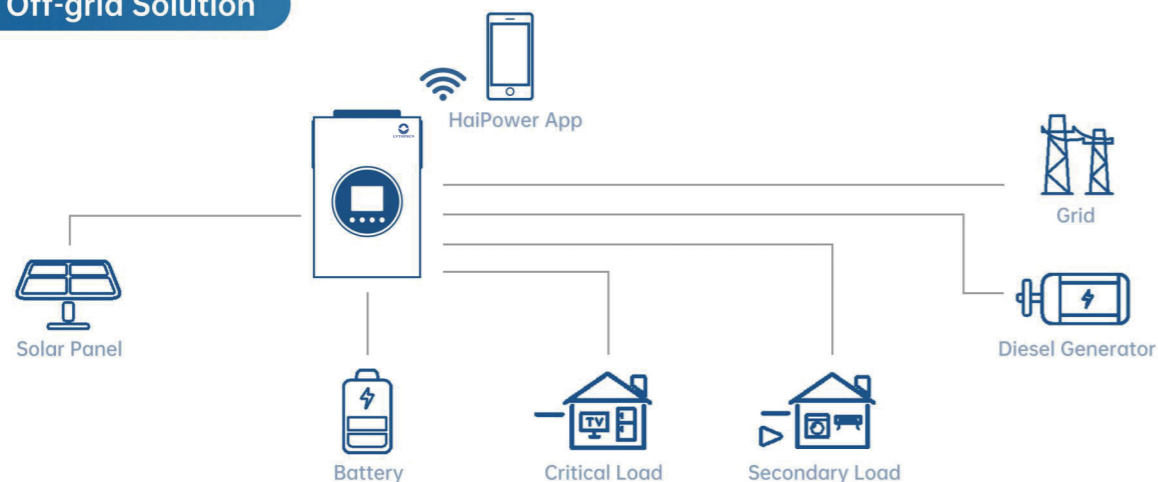
LVTS-3-6KSL-G2 Off-grid Hybrid Inverter 「3/4/5/6kW」



Features

- Support Independent Grid/Generator Input**
 Dual AC inputs and integrated grid-generator switching system
- Smart Load Management**
 Dual AC outputs design
- Remote Monitoring**
 Built-in WiFi module for HaiPower App monitoring
- Stylish Design**
 Larger screen with touch keys and LED ring lights
- Parallel Connection**
 Parallel connection with up to 9 units
- Faster On/Off-grid Switching**
 UPS-level switching time: 10ms
- Efficient Battery Charge/Discharge**
 Max. 120A charge current
 Max. 137A discharge current

Off-grid Solution



Specifications

Technical Data	AO-3KSL-G2	AO-4KSL-G2	AO-5KSL-G2	AO-6KSL-G2
Solar Input Data				
Max. PV Input Power	3300W	4400W	6000W	7800W
Max. Input Voltage	500V			550V
Start-up Voltage		120V		
MPPT Voltage Range	90V~450V			90V~500V
Max. Input Current per MPPT	18A			27A
Max. Short Circuit Current per MPPT	23A			32A
Number of MPPT		1		
AC Input Data (Grid&Generator)				
Nominal Input Voltage		230Vac, L/N/PE		
Input Voltage Range		90~280Vac (APL); 170~280Vac (UPS)		
Max. Input Current		35A		
Nominal Input Power		8050W		
AC Frequency Range		40~65Hz		
Battery Data				
Battery Type		Li-Ion/Lead-acid		
Nominal Battery Voltage	24V			48V
Battery Voltage Range	20~30V			42~60V
Max. Discharge Current	137A	137A	115A	137A
Max. Charge/Discharge Power	3000W	3300W	5000W	6000W
Li-Ion Battery Activation		Yes		
Li-Ion Battery Communication		CAN/RS485		
Max. Solar Charge Current	120A	120A	100A	120A
Max. AC Charge Current	100A	100A	80A	100A
Max. Charge Current (PV+AC)	120A	120A	100A	120A
Inverter Output Data				
Nominal Output Power	3000W	4000W	5000W	6000W
Peak Apparent AC Power	6000VA	8000VA	10000VA	12000VA
Nominal AC Voltage		230V		
Nominal Grid Frequency		50/60Hz (Auto Sensing)		
Voltage Waveform		Pure Sine Wave		
Transfer Time		10ms		
Max. Output Current	14A	18A	22A	27A
Overload Protection		30s@102%-110% load; 10s@110%-130% load; 5s@130%-200% load		
THDv (@linear load)		<3%		
Efficiency				
Peak Efficiency		94%		
MPPT Efficiency		>99.9%		
Protect				
DC Surge Protection		Yes		
AC Surge Protection		Yes		
AC Short Circuit Protection		Yes		
System Parameters				
Dimension (W*H*D)		333*505*120mm		
Weight		10.6kg		
Relative Humidity		5%~95% (Non-condensing)		
Operating Temperature Range		-10°C~50°C		
Noise Emission		< 50dB		
Altitude		4000m		
Cooling Method		Fan Cooling		
Ingress Protection		IP20		
Characteristic				
Number of AC Output		2		
Display		LCD&LED&APP		
Communication Interface		RS485/ USB /CAN/ Wi-Fi		
Parallel Capability	-	-	9	9