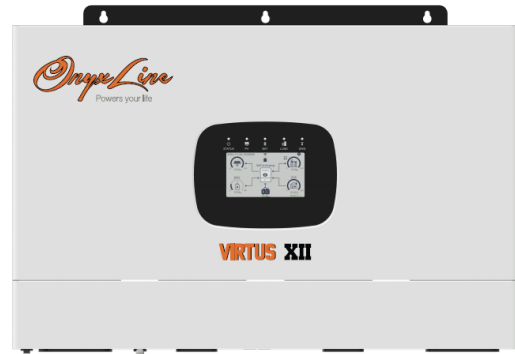




OL-4KVL-G2



OL-6KVL-G2



ONY-12L1P-G3

Features



Parallel Connection

Parallel connection with up to 9 units



Enhanced Overload Capacity

2 times the rated power for 5 seconds



High-Power Module Compatibility

Higher PV input current up to 18A



Smart Load Management

Dual AC outputs to power loads on demand priority



Seamless Switchover

UPS-level switching time $\leq 4ms$



Efficient Battery Charge/Discharge

Max. 120A charge current
Max. 137A discharge current



Remote Monitoring

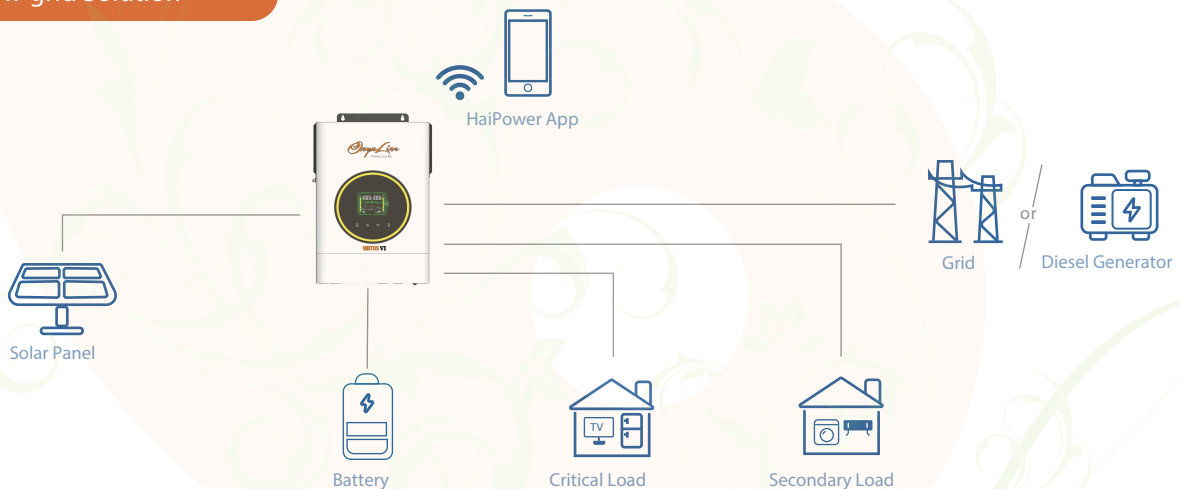
Built-in WiFi module for HaiPower monitoring



Stylish Design

Larger screen with touch keys

Off-grid Solution



Specifications

Model	OL-4KVL-G2	OL-6KVL-G2	ONLY-12L1P-G3
Solar Input Data			
Max. PV Input Power	4400W	7800W	18000W
Max. Input Voltage	500V	550V	550V
Start-up Voltage	90V	120V	120V
MPPT Voltage Range	60V~450V	90V~450V	90V~450V
Max. Input Current per MPPT	18A	27A	30+30A
Max. Short Circuit Current per MPPT	23A	32A	44+44A
Number of MPPT	1	1	2
Battery Data			
Battery Type	Li-Ion / Lead-acid		
Nominal Battery Voltage	24V	48V	48V
Battery Voltage Range	20~30V	42~60V	42~60V
Max. Discharge Current	137A	137A	280A
Max. Charge / Discharge Power	3000W	6000W	12000W
Li-Ion Battery Activation	Yes	Yes	Yes
Li-Ion Battery Communication	CAN / RS485	CAN / RS485	CAN / RS485
Max. Solar Charge Current	120A	120A	370A
Max. AC Charge Current	100A	100A	100A
Max. Charge Current (PV+AC)	120A	120A	210A
AC Input Data (Grid)			
Nominal Input Voltage	230Vac, L / N / PE	230Vac, L / N / PE	230Vac, L / N / PE
Input Voltage Range	90~280V	90~280V	90~280V
Max. Input Current	25A	35A	57 A
Nominal Input Power	5700W	8050W	12000W
AC Frequency Range	50 / 60Hz (Auto sensing)	40to 65Hz (Auto sensing)	40to 65Hz (Auto sensing)
Inverter Output Data			
Nominal Output Power	4000W	6000W	12000W
Peak Apparent AC Power	8000VA	16000VA	24000VA
Nominal AC Voltage	230V		
Nominal Grid Frequency	50 / 60Hz		
Voltage Waveform	Pure Sine Wave		
Transfer Time (Typ)	4ms		
Nominal Output Current	18A	22A	52A
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)	290*424*120mm	333*505*120mm	625*400*120mm
Weight	7.1kg	10.6kg	
Relative Humidity	5%~95% (Non-condensing)		
Operating Temperature Range	-10 ~60		
Noise Emission	≤ 50dB		
Altitude	2000m		
Cooling Method	Fan Cooling		
Ingress Protection	IP20		
Characteristic			
Number of AC Output	2		
Display	LCD & APP		
Communication Interface	RS485 / USB / CAN / Wi-Fi		
Parallel Capability	9		