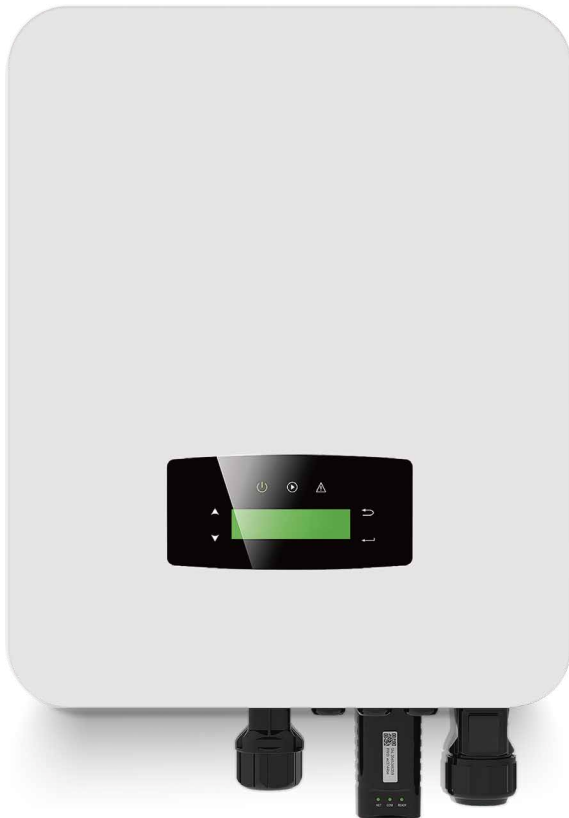


HYBRID INVERTER (Single-phase 5-6kw)

LH5K-SL / LH6K-SL



- Support 1.5 times PV over-allocation
 - 2 MPPT , meet more electricity demand
 - <10ms seamless switching
 - Surge Protection, no fear of instantaneous voltage
 - 3-stage timing charging and discharging function
 - Voltage total harmonic distortion is less than 3%
- Support up to 6 units in parallel
 - Real-time monitoring and remote upgrade
 - MAX charge and discharge current: 120A
 - Maximum efficiency 97.6%
 - Noise less than 25 decibels
 - Standby consumption is less than 10w



Stable Power Supply



Precise Management



High Utilization



Long Product Life

Model	LH5K-SL	LH6K-SL
Basic Information		
Max.Input Power	7.5kW	9.0kW
Full Load MPPT Voltage Range	150-500V	170-500V
MPPT Voltage Range	80-500V	
Max.Input Voltage	550V	
Recommended DC Input Voltage	360V	
Starting Voltage	100V	
Max.Input Current	18.5A*2	
Max.Short Circuit Current	26A*2	
MPPT/Number of DC Terminals	2/2	
Gross/Net Weight	23.5kg/20.2kg	
Battery Parameters		
Max. Charge/Discharge Power	4.8kW	
Max. Charge/Discharge Current	120A	
Battery Rated Voltage	51.2V	
Battery Voltage Range	40-60V	
Compatible Battery Type	Lithium Battery, Lead-acid Battery, etc.	
On-grid Output Parameters		
Max. Continuous Current	23.0A	28.0A
Max. Continuous Power	5.0kVA	6.0kVA
Rated Grid Current	22.8/21.8A	27.3/26.1A
Rated Grid Voltage	198V to 242V @ 220V / 207V to 253V @ 230V	
Rated Grid Frequency	50/60Hz	
Power Factor	0.999(+/-0.8)	
Voltage Total Harmonic Distortion	<3%	
Off-grid Output Parameters		
Max. Continuous Current	23.0A	28.0A
Max. Continuous Power	5.0kVA	6.0kVA
Max. Peak Current(10 min)	34.1/32.7A	41.0/39.2A
Max. Peak Power(10 min)	7.5kVA	9.0kVA
Rated AC Current	22.8/21.8A	27.3/26.1A
Rated AC Power L-N	220/230V	
Rated AC Frequency	50/60Hz	
Switching Time	<10ms	
Voltage Total Harmonic Distortion	<3%	