

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%	