

Model	LH8K-TH	LH10K-TH
PV Input		
Max. Input Power	12kW	15kW
Full Load MPPT Voltage Range	200-850V	500-850V
MPPT Voltage Range	150-850V	
Max. Input Voltage	1000V	
Rated DC Input Voltage	620V	
DC Input Voltage Range	150-1000V	
Starting Voltage	160V	
Max. Input Current	20A*2	
Max. Short Circuit Current	30A*2	
MPPT/Number of DC Terminals	2/2	
Battery Parameters		
Max. Charge/Discharge Power	8kW	10kW
Battery Voltage Range	150-800V	
Max. Charge/Discharge Current	30A	
Charging Curve	3 Stages	
Compatible Battery Type	Lithium Battery, Lead-acid Battery, etc.	
Grid Output Parameters		
Rated Output Power	8kW	10kW
Max. Input/Output Power	12/8.8kVA	15/11kVA
Max. AC Output Current	13.5A	17A
Rated AC Voltage	230/400V	
Rated AC Frequency	50/60Hz	
Power Factor	1(+/-0.8)	
Voltage Total Harmonic Distortion	<3%	
Off-grid Output Parameters		
Rated Output Power	8000VA	10000VA
Rated Voltage	220/230V	
Rated Frequency	50/60Hz	
Rated Output Current	11.6A	14.5A
Max. Power	8800VA, 60s	11000VA, 60s
Switching Time	<10ms	
Voltage Total Harmonic Distortion	<3%	
General Parameters		
Dimensions (W*H*D mm)	558*535*260mm	
Net Weight	26kg	
Protection Degree	IP65, Indoor Only	
Operating Temperature Range	-20°C~60°C	
Noise	< 30 dB	
Cooling Method	Intelligent Fan	
Certification & Safety Standard	NRS97, G98/G99, EN50549-1, C10/C11, AS 4777, VDE-AR-N4105, VDE0126, IEC62040, IEC62109-1, IEC62109-2 IEC62109-2	