

LESSO



PV Inverter

LSBH (80~125) KTL3-OC1

Product Model	LSBH 80KTL3-OC1	LSBH 90KTL3-OC1	LSBH 100KTL3-OC1	LSBH 110KTL3-OC1	LSBH 125KTL3-OC1
DC Input Data					
Max. DC input power	120kW	135kW	150kW	165kW	187.5kW
Max. DC input voltage	1100VDC				
Max. DC input current	30A*8	30A*9	30A*10	30A*10	30A*10
MPPT voltage range	200~1000VDC				
Recommended working voltage	600VDC				
MPPT number	8	9	10	10	10
Max. input strings per MPP tracker	2				
AC Output Data					
Rated output power	80kW	90kW	100kW	110kW	125kW
Max. AC power	88kVA	99kVA	110kVA	121kVA	137.5kVA
Max. output current	127A	142.9A	158.8A	174.6A	199.3A
Rated power grid voltage	400Vac				
Power grid voltage range	310~480Vac				
Rated power grid frequency	50Hz/60Hz				
Grid frequency range	45~55Hz/55~65Hz				
THD	<2%(Under the rated power)				
Power factor	>0.99(Under rated power)/Adjustable range 0.8(Leading)~0.8（Lagging）				
DC component	<0.5%(Under rated power)				
System Data					
Max. Efficiency	98.70%				98.90%
Euro. Efficiency	98.30%				98.20%
Humidity	0~95% , No condensation				
Cooling	Fan				
Allowed ambient temperature range	-25°C~-+60°C				
Consumption during night	<1W				
Max. altitude	4000m (It needs to be derated when the altitude exceeds 2000m)				
Mechanical Data					
Size (width x height x depth)	1050×620×333mm				
Weight	89kg				
Protection class	IP66 (outdoor)				
Display & Communication					
Communication interface	RS485/WIFI(optional)/GPRS(optional)				
Display	LED/LCD(optional)				

Remarks: Specifications are subject to change without notice; Special voltage and power requirements can be customized designed