

LESSO



LSBH (36-50)KTL3LV-OC1

On-grid PV Inverter

Items	LSBH36KTL3LV-OC1	LSBH40KTL3LV-OC1	LSBH50KTL3LV-OC1
DC Input Data			
Max. DC input power	54000W	60000W	75000W
Max. DC input voltage	1000VDC		
Max. DC input current	40/40/20/40/40/20A		40/40/20/20/40/40/20/20A
MPPT voltage range	180~1000VDC		
Recommended Max Power working voltage	550~850VDC		
MPPT number	6		8
Max. input strings per MPP tracker	2		

Items	LSBH36KTL3LV-OC1	LSBH40KTL3LV-OC1	LSBH50KTL3LV-OC1
AC Output Data			
Rated output power	36000W	40000W	50000W
Max. AC power	39.6kVA	44kVA	55kVA
Max. output current	103.9A	115.4A	144.3A
Rated power grid voltage	43/(N)/PE, 220V		
Power grid voltage range	170-265Vac		
Rated power grid frequency	50Hz/60Hz		
Grid frequency range	47.5~52.5Hz/57.5~62.5Hz		
THD	<3%(Under the rated power)		
Power factor	>0.99(Under rated power)/Adjustable range0.8(Leading)~0.8(Lagging)		
DC component	<0.5%(Under rated power)		
System Data			
Max. Efficiency(%)	98.7%	98.7%	98.8%
Euro. efficiency(%)	98.1%	98.2%	98.2%
Humidity	0~100%, No condensation		
Cooling	Fan		
Allowed ambient temperature range	-25°C~+60°C		
Consumption during night	<1W		
Altitude allowed	4000m		
Communication interface	RS485/WIFI/GPRS((optional)		
Display	LED/LCD(optional)		
Mechanical Data			
Size (width x height x depth)	1160mm×611mm×286mm		
Weight	92kg		
Protection class	IP66		
Conforming standards			
Standards for grid connection	NB/T32004-2018;IEC61727		
Safety standard	NB/T32004-2018; IEC62109-1/2		
EMC	IEC61000-6-2/4		

Remarks: Specifications are subject to change without notice.