

LESSO

LSBH (18-30)KTL3LV-OC1

On-grid PV Inverter



Items	LSBH18KTL3LV-OC1	LSBH20KTL3LV-OC1	LSBH25KTL3LV-OC1	LSBH30KTL3LV-OC1
DC Input Data				
Max. DC input power	27000W	30000W	37500W	45000W
Max. DC input voltage	1000VDC			
Max. DC input current	30/30/30/30A		36/36/20/20A	
MPPT voltage range	180~1000VDC			
Recommended working voltage	650VDC			
MPPT number	4			
Max. input strings per MPP tracker	2			

Items	LSBH18KTL3LV-OC1	LSBH20KTL3LV-OC1	LSBH25KTL3LV-OC1	LSBH30KTL3LV-OC1
AC Output Data				
Rated output power	18000W	20000W	25000W	30000W
Max. AC power	19.8kVA	22kVA	27.5kVA	33kVA
Max. output current	51.9A	57.7A	72.1A	86.6A
Rated power grid voltage	400V			
Power grid voltage range	310-480			
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 range0.8(Leading)~0.8(Lagging)			
DC component	<0.5%(Under rated power)			
System Data				
Max. Efficiency(%)	98.7%	98.7%	98.7%	98.7%
Euro. efficiency(%)	98.2%	98.1%	98.2%	98.2%
Humidity	0~100%, No condensation			
Cooling	Fan			
Allowed ambient temperature range	-25℃~+60℃			
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)	610mm×564mm×218mm			
Weight	39kg			
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.