

LESSO



## PV Inverter

LSBH (33~50) KTL3-OC

Product Model		LSBH33KTL3-OC1	LSBH36KTL3-OC1	LSBH40KTL3-OC1	LSBH50KTL3-OC1
Input	Max. DC Input Power	39600W	43200W	48000W	60000W
	Max. DC Input Voltage	1100V			
	Max. DC Input Current	36A/36A/20A	36A/36A/20A/20A		
	MPPT Voltage Range	200~1000Vdc			
	Recommended Working Voltage	650V			
	MPPT Number	3	4		
	Max. Input Strings per MPPT	2/2/2	2/2/2/2		
Output	Rated Output Power	33000W	36000W	40000W	50000W
	Max. AC Power	36.3kVA	39.6kVA	44kVA	55kVA
	Max. Output Current	53A	56A	65A	80A
	Rated Power Grid Voltage	400V			
	Power Grid Voltage Range	310~480Vac			
	Rated Power Grid Frequency	50Hz/60Hz			
	Grid Frequency Range	45~55Hz/55~65Hz			
	THD	<2% (under 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	98.6%	98.6%	98.6%	98.7%
	Euro. efficiency	98.1%	98.1%	98.2%	98.2%
	Humidity	0~100%, no condensation			
	Cooling	Fan			
	Ambient Temperature Range	-25~+60°C			
	Consumption During Night	<1W			
	Altitude	4000m			
	Display	LED /LCD (optional)			
	Communication Interface	RS485/GPRS/Wifi (optional)			
Mechanical Data	Size	610 x 564 x 218mm			
	Weight	37kg			39kg
	Protection Level	IP66			
Conforming Standards	Standards for Grid Connection	NB/T 32004-2018; IEC61727			
	Safety Standard	NB/T 32004-2018; EC 62109-1/2			
	EMC	IEC61000-6-2/4			

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