



80-110W Central Inverters For Global Air And Sea Shipping

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: G99, IEC61727, EN50549-1/2, VDE V 0124
- Model Number: LS80
- Minimum Order Quantity: 66 sets
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Rated Output Power: 80-110 KW
- Max. Apparent Output Power: 88-121 KVA
- MPPT Voltage Range: 160-1000V
- Rated Grid Voltage: 220V / 380V / 400V
- Max. Input Current: 36A / 32A (per String)
- Efficiency: 98.5% (Max Efficiency)
- Grid Connection Standard: G99, IEC61727, EN50549-1/2
- Cooling Concept: Intelligent Redundant Fan-Cooling
- Highlight: **110W Central Inverters, 80W Central Inverters, 1000V central pv inverter**

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Product Description

80-110W Central Inverters for Global Air and Sea Shipping

Efficient

- 6/8 MPPTs, max. efficiency 98.7%
- > 150% DC/AC ratio
- Compatible with bifacial modules

Safe

- IP66
- AFCI protection, proactively reduces fire risk
- Globally recognised branded componentry for longer life

Smart

- Night SVG function
- Intelligent string monitoring, smart I-V curve scan
- Remote firmware upgrade with simple operation

Economic

- Power line communication (PLC) (optional)
- DC side supports "Y" connector
- Supports aluminium wire access to reduce cost

Product Description:

The LSBH(80~110)KTL3 central inverter is engineered for large-scale commercial and industrial solar PV applications, offering high efficiency, safety, and robust smart functionalities. With support for 6/8 MPPTs and a maximum efficiency of 98.7%, this inverter maximizes energy harvest. The product features a 150% DC/AC ratio, making it compatible with bifacial modules for superior system performance. Designed for safe operation, the inverter includes IP66 protection, AFCI for fire risk reduction, and globally recognized branded components for extended product life.

DATASHEET LSBH(80~110)KTL3			
Models 80K 100K 110K			
Input DC			
Max.input voltage	1100V		
Rated voltage	600 V		
Start-up voltage	180 V		
MPPT voltage range	160-1000V		
Max,input current	36 A/32 A/36 A/32 A/36 A/32A/36 A/32A	36 A/32 A/36 A/32 A/36 A/32A/36 A/32 A	
Max,shortcircuitcurrent	6*50 A	8*50 A	
MPPT number/Max.input strings number	6/12	8/16	
Output AC			
Rated output power	80 kW	100 kW	110 kW
Max.apparentoutput power	88kVA	110 kVA	121 kVA
Max.output power	88kW	110 kW	121 kW
Rated grid voltage	3L,N,PE,220V/380 V,230V/400V		
Bated grnd frequency	50 Hz/60 Hz		
Rated gridoutput current	121.6 A/115.5 A	152.0 A/144.3 A	167.1 A/158.8 A
Max.output current	133.7A	167.1 A	183.8A
Power factor	>0.99(0.8 leading-0.8 lagging)		
THDi	<3%		
Eficiency			
Max.efficiency	98.5%		
EUeffilciengy	98%		

Protection	
DC reverse-polarity protection	Yes
Short circuit protection	Yes
Output over current protection	Yes
Surge protection	DC Type II/AC Type II
Grid monitoring	Yes
Anti-islanding protection	Yes
Temperatureprotection	Yes
Strings monitoring	Yes
IVVCurve scanning	Yes
Integrated AFCI(DC arofaultcircuit protection)	Yes
Integrated DC switch	Yes
General Data	
Dimensions (W*H*D)	1065*585*363 mm(with AC switch) 1183*585*363 mm
Weight	79.5 kg 93 kg
Topology	Transformerless
Self-consumption(night)	<2W
Operating ambient temperature range	-30~+60°C
Bcatve humidity	0-100%
Ingress protection	IP66

Cooling concept	Intelligent redundant fan-cooling
Max.operation altitude	4000m
Grid connection standard	G99, IEC61727, EN50549-1/2, VDE4110
Safety/EMC standard	IEC/EN 62109-1/-2, IEC/EN 61000-6-2/-4
Features	
DC connection	MC4 connector
AC connection	OT terminal (max. 185 mm²)
Display	LCD, 2x20Z
Communication	RS485, Optional: W-Fi, GPRS, PLC
(1) Activation required.	

Application:

The LSBH(80~110)KTL3 is suitable for utility-scale solar power installations and large industrial solar plants where high energy output, remote control, and reliable monitoring are essential. Its power line communication option and support for intelligent string monitoring ensure efficient energy management in demanding environments.

Shipping Methods:

Supports global air and sea shipping.



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