Hybrid Inverter

LXP-LB -US 8-10kW
LXP-LB -EU 8-10kW

- Stronger EPS
- Easy to use with battery
- Advanced parallel, up to 120kW
- Separate generator interface available
- Split phase output available for US model
- Plug & Play, seamless switching under 10ms
- Host inverter automatically generated to manage entire system
- Optional 10 year warranty for US
- Color LCD, IP65







Specification LXP-LB 8-10kW

Your Reliable Energy Solution Partner

Battery Parameters	LXP 7·6K/8K	LXP 10K
Compatible Battery Type	Lead-acid/Lithium	Lead-acid/Lithium
Nominal Battery Voltage	48V	48V
Battery Voltage Range	40V~60V	40V~60V
Maximun Charging/Discharging Current	167A/167A	210A/210A
Maximun Charging/Discharging Power	7600W/8000W	10000W
Input DC(PV Side)		
Max. DC Input Power for Single MPPT	12000W/7000W/7000W	12000W/7000W/7000W
Max. PV Input Power	10000W	16000W
DC Input Voltage Range	100V~600V	100V~600V
Nominal DC Input Voltage	360V	360V
Full Power MPPT Voltage Range	170~500V	210~500V
Max. DC Input Current	25A/15A/15A	25A/15A/15A
MPPT Number/(Strings per MPPT)	3(2/1/1)	3(2/1/1)
Output/Inout AC(Grid)		
Nominal Power	7600W/8000W	10000W
Nominal AC Voltage	240V 208V	240V 208V
Operating Voltage Range	180V-270V	180V-270V
Max. Continuous AC Current	33.3A@240V 38.5A@208V	41.6A@240V 48A@208V
Nominal AC Frequency	50Hz/60Hz	50Hz/60Hz
UPS Output-with Battery		
UPS Max. Output Power	7600W/8000W	10000W
UPS Nominal Output Voltage	240V 208V 120V/240V 120V/208V	240V 208V 120V/240V 120V/208V
UPS Nominal Output Frequency	50Hz/60Hz	50Hz/60Hz
UPS Nominal Output Current	33.3A@240V 38.5A@208V	41.6A@240V 48A@208V
Peak Power	14kW 10minutes / 16kW 5minutes / 20kW 500ms	
Switching Time	<20ms	<20ms
Efficiency		
MPPT Efficiency	99.9%	99.9%
Max. Efficiency	97.5%	97.5%
EU Efficiency	96.5%	96.5%
Battery Charging Efficiency	95%	95%
Battery Discharging Efficiency	94.5%	94.5%
Protection		
Anti-islanding Protection	YES	YES
DC Switch	YES	YES
Ingress Protect Degree	IP65	IP65
SPD Protection	YES	YES
AFCI	OPT	OPT
RSD	OPT	OPT
General Data		
Dimension(mm)	650*440*220	650*440*220
Weight	40kg	40kg
Display	Color LCD	Color LCD
Topology	Transformer-less	Transformer-less
Ambient Temperature Range	-25~60°C	-25~60°C
Cooling	FAN	FAN
Communication	RS485/Wi-Fi/CAN	RS485/Wi-Fi/CAN
Standard & Certification		
EMC		IEEE1547 FCC SDOC
Safety Standard		UL 1741
Grid Standdards		IEEE1547