

Hybrid Inverter

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



Your Reliable Energy Solution Partner

- Stronger EPS
- Easy to use with battery
- Advanced parallel, up to 100kW
- 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
- Color LCD, IP65



Specification

LXP-LB 8-10kW

	LXP 8K	LXP 10K
Battery Parameters		
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	8000W	10000W
Input DC(PV Side)		
Max. PV Input Power	12000W	15000W
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/25A	25A/25A
MPPT Number/(Strings per MPPT)	2/2	2/2
Max. short current per MPPT	34A /34A	34A /34A
Output/Inout AC(Grid)		
Nominal Power	8000W	10000W
Nominal AC Voltage (US Version)	240V / 208V	240V / 208V
Nominal AC Voltage (EU Version)	230V	230V
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	8000W	10000W
UPS Nominal Output Voltage (US Verion)	208V/240V Split phase	208V/240V Split phase
UPS Nominal Output Voltage (EU Verion)	230V	230V
UPS Nominal Output Frequency	50Hz/60Hz	50Hz/60Hz
UPS Nominal Output Current	33.3A@240V 38.5A@208V 34.7A@230V	41.6A@240V 48A@208V 43.4A@230V
Peak Power	2*Pn.0.5s	2*Pn.0.5s
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)	580*490*265 (22.8*19.3*10.4 inch)	580*490*265 (22.8*19.3*10.4 inch)
Weight	44kg (97 lbs)	44kg (97 lbs)
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		
EU Version	NRS 097 UL 1741: 2021 CSA C 22.2#107.1:2016 CSA C 22.2# 330:2017 IEEE1547: 2018 IEEE1547.1: 2020 HECO SRD.IEEE-1547.1:2020	NRS 097 UL 1741: 2021 CSA C 22.2#107.1:2016 CSA C 22.2# 330:2017 IEEE1547: 2018 IEEE1547.1: 2020 HECO SRD.IEEE-1547.1:2020
US Version		

