

# LXP-LB - EU 8-10kW

- 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 for US
- Color LCD, IP65



## Specification

## LXP-LB 8-10kW

Battery Parameters	LXP 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	8000W	1000W
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	170V~500V	210V~500V
Max. DC Input Current	25A/25A	25A/25A
MPPT Number/(Strings Per MPPT)	2/2	2/2
Output/Inout AC(Grid)		
Nominal Power	8000W	1000W
Nominal AC Voltage (EU Verion)	230V	230V
Operating Voltage Range	180V-270V	180V-270V
Max. Continuous AC Current	38.5A	48A
Nominal AC Frequency	50Hz/60Hz	50Hz/60Hz
EPS		
UPS Max. Output Power	8000W	10000W
UPS Nominal Output Voltage (EU Verion)	230V	230V
UPS Nominal Output Frequency	50Hz/60Hz	50Hz/60Hz
UPS Nominal Output Current	35A	43.5A
THDV	<3%	<3%
Peak Power	2*Pn.0.5s	2*Pn.0.5s
Switching Time	<10ms	<10ms
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		
Reverse Polarity Protection	YES	YES
Anti-islanding Protection	YES	YES
AC Short-circuit Protection	YES	YES
Leakage Current Protecion	YES	YES
Grid Monitoring	YES	YES
DC Switch	YES	YES
Ingress Protect Degree	IP65	IP65
SPD Protection	YES	YES
General Data		
Dimension(mm)	580*490*265	580*490*265
Weight	44kg	44kg
Display	Color LCD	Color LCD
Topolgy	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		
NRS 097-2-1,		

