

HYBRID SERIES

Single Phase

LXP-LB-EU 7-10k

- Max 210A charge/discharge current
- Advanced parallel, up to 6 units
- AC coupling function
- Smart load control
- Separate generator interface available
- Easy to use with batteries
- Color touch LCD, IP65



LUPOWER^{TEK}

Your Reliable
Energy Solution
Partner

SpecifiCation

INPUT (PV DC)	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K
Max.PV Input Power	10500W	12000W	13500W	15000W
DCInput Voltage Range	100V-600V	100V-600V	100V-600V	100V-600V
Nominal DCInput Voltage	360V	360V	360V	360V
Full Power MPPT Voltage	150V-500V	170V-500V	190V-500V	210V-500V
RangeMax.DCInput	25A/25A	25A/25A	25A/25A	25A/25A
CurrentMPPT Number/(Strings Per MPPT)	2/2	2/2	2/2	2/2

Battery	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K
Compatible Battery Type	Lead-acid/Lithium	Lead-acid/Lithium	Lead-acid/Lithium	Lead-acid/Lithium
Nominal Battery Voltage	48V	48V	48V	48V
Battery Voltage Range	40V 60V	40V 60V	40V 60V	40V 60V
Maximum Charging/Discharging Current	146A/146A	167A/167A	190A/190A	210A/210A
Maximum Charging/Discharging Power	7000W	8000W	9000W	10000W

Grid	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K
Nominal Power	7000W	8000W	9000W	10000W
Nominal AC Voltage	230V	230V	230V	230V
Operating Voltage Range	180-270V	180-270V	180-270V	180-270V
Max. Continuous AC Current	32A	38.5A	43A	48A
Nominal AC Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz

UPS	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K
UPS Max.Output Power	7000W	8000W	9000W	10000W
UPS Nominal Output Voltage	230V	230V	230V	230V
UPS Nominal Output Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
UPS Nominal Output Current	30.5A	35A	39A	43.5A
THDV	<3%	<3%	<3%	<3%
Peak Power	2*Pn.0.5s	2*Pn.0.5s	2*Pn.0.5s	2*Pn.0.5s
Switching Time	<10ms	<10ms	<10ms	<10ms

Efficiency	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K
MPPT Efficiency	99.9%	99.9%	99.9%	99.9%
Max.Efficiency	97.5%	97.5%	97.5%	97.5%
EU Efficiency	96.5%	96.5%	96.5%	96.5%
Battery Charging Efficiency	95%	95%	95%	95%
Battery Discharging Efficiency	94.5%	94.5%	94.5%	94.5%

Protection	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K
Reverse Polarity Protection	YES	YES	YES	YES
Anti-islanding Protection	YES	YES	YES	YES
AC Short-circuit Protection	YES	YES	YES	YES
Leakage Current Protection	YES	YES	YES	YES
Grid Monitoring	YES	YES	YES	YES
DC Switch	YES	YES	YES	YES
Ingress Protect Degree	P65	P65	P65	P65
SPD Protection	YES	YES	YES	YES

General Data	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K
Dimension(mm)	580*490*265	580*490*265	580*490*265	580*490*265
Weight	44kg	44kg	44kg	44kg
Display	ColorLCD	ColorLCD	ColorLCD	ColorLCD
Topology	Transformer-less	Transformer-less	Transformer-less	Transformer-less
Ambient Temperature Range	-25-60°C	-25-60°C	-25-60°C	-25-60°C
Cooling	FAN	FAN	FAN	FAN
Communication	RS485/Wi-Fi/CAN	RS485/Wi-Fi/CAN	RS485/Wi-Fi/CAN	RS485/Wi-Fi/CAN

Standard & Certification	LXP-LB-EU 7K	LXP-LB-EU 8K	LXP-LB-EU 9K	LXP-LB-EU 10K

NRS 097-2-1,G98,CE.

