

Hybrid Inverter

LXP-LB-US 12kW LXP-LB-EU 12kW



Your Reliable
Energy Solution
Partner

- **12kW EPS Output**
- **10 units Paralleling**
- **AC Coupling Function**
- **3 MPPT Input for max input 18kW**
- **Separated Generator Input**
- **200A AC Passthrough Current**
- **PV Module Monitoring**
- **Peak Shaving Function**
- **Color LCD, Touch Screen**



Specification

Battery Parameters	LXP-LB 12K
Compatible Battery Type	Lead-acid/Lithium
Nominal Battery Voltage	48V
Battery Voltage Range	40V-60V
Maximun Charging/Discharging Current	250A/250A
Maximun Charging/Discharging Power	12000W
Input DC(PV Side)	
Max.PV Power To Battery & Grid	18000W
DC Input Voltage Range	100V-600V
Nominal DC Input Voltage	360V
Full Power MPPT Voltage Range	230-500V
Max. DC Input Current	25A/15A/15A
MPPT Number/(Strings per MPPT)	3(2/1/1)
Max. short current per MPPT	34A / 17A/ 17A
Output /Input AC(Grid)	
Nominal Power	12000W
Nominal AC Voltage (US Version)	208V/240 V Split phase
Nominal AC Voltage (EU Version)	230 V
Operating Voltage Range	180V-270V
Max. Continuous AC Current	50A@240V 50A@230 V
Nominal AC Frequency	50Hz/60Hz
EPS	
UPS Max. Output Power	12000W
UPS Nominal Output Voltage (US Verion)	208V/240 V Split phase
UPS Nominal Output Voltage (EU Verion)	230 V
UPS Nominal Output Frequency	50Hz/60Hz
UPS Nominal Output Current	50A@240V 57.7A@208V
THDV	<3%
Peak Power	2*Pn,0.5s
Switching Time	<20ms
Efficiency	
MPPT Efficiency	99.9%
Max. Efficiency	97.5%
EU Efficiency	96.5%
Battery Charging Efficiency	95%
Battery Discharging Efficiency	94.5%
Protection	
Reverse Polarity Protection	YES
Anti-islanding Protection	YES
AC Short-circuit Protection	YES
Leakage Current Protection	YES
Grid Monitoring	YES
DC Switch	YES
Ingress Protect Degree	IP65
SPD Protection	YES
AFCI	OPT
RSD	OPT
General Data	
Dimension(mm)	670 * 490 * 265 (26.3*19.3*10.4 inch)
Weight	50kg (110.2 lbs)
Display	Color LCD
Topology	Transformer-less
Ambient Temperature Range	-25-60°C
Cooling	FAN
Communication	RS485/Wi-Fi/CAN
Standard & Certification	
EU Version	NRS 097
US Version	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 CEC

