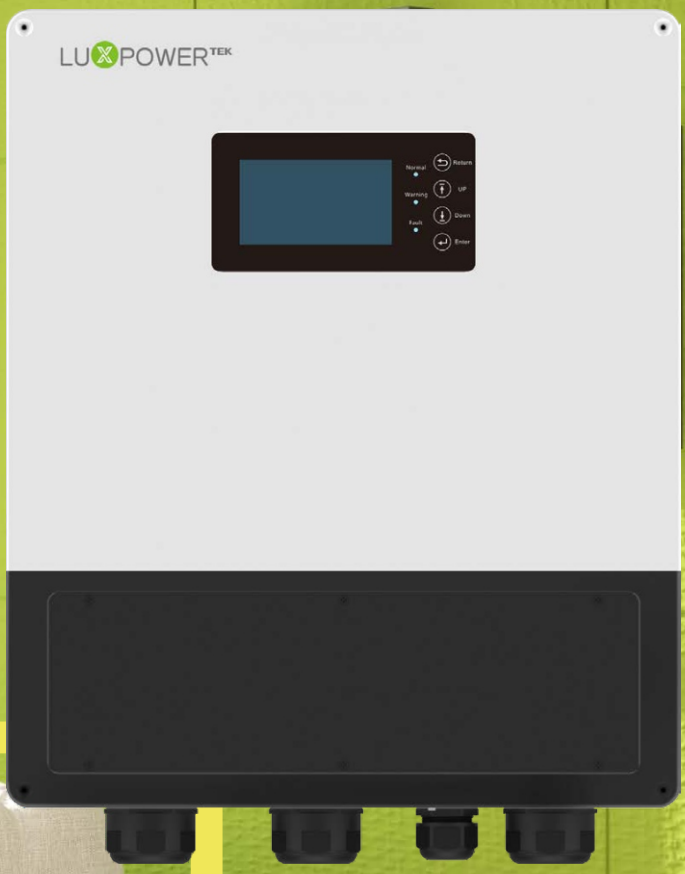
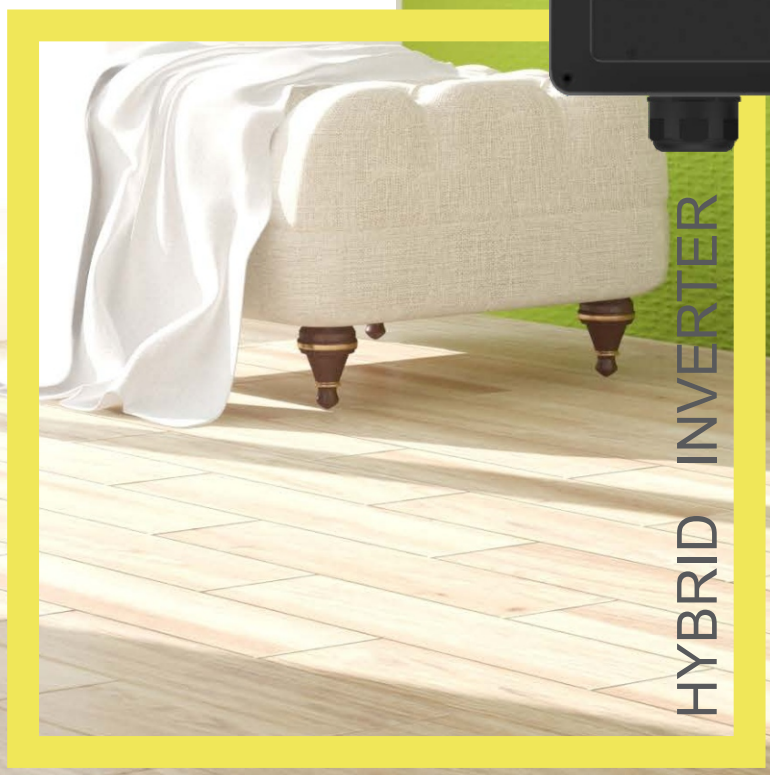
LXP8-12k / 8-12k US

- Color LCD, IP65
- Stronger UPS
- Easy to use with battery
- Advanced parallel, up to 120kW
- Optional 10 year warranty for US
- 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





HYBRID INVERTER

SPECIFICATION

Solar	LXP 7.6K/8K	LXP 9K	LXP 10K	LXP 12K
Max usable input current(A)	15/15/15	15/15/15	15/15/27	15/15/27
Max short circuit input current(A)	17/17/17	17/17/17	17/17/34	17/17/34
Start input voltage(V)	100	100	100	100
Startup voltage(V)	140	140	140	140
Full power MPPT voltage range(V)	170-480	190-480	210-480	230-480
DC nominal voltage(V) MPPT tracker	360	360	360	360
DC voltage range(V)	100-600	100-600	100-600	100-600
MPPT operating voltage range(V)	60-480	60-480	60-480	60-480
Max power(W)	7000/7000/7000	7000/7000/7000	7000/7000/12000	7000/7000/12000
Number of MPPT(Strings per MPPT)	3(1/1/1)	3(1/1/1)	3(1/1/2)	3(1/1/2)
Battery				
Type	Lead-acid /Lithium	Lead-acid /Lithium	Lead-acid /Lithium	Lead-acid /Lithium
Max charge/discharge current(A)	220	220	220	220
Nominal voltage(V)	48	48	48	48
Voltage range(V)	40-60	40-60	40-60	40-60
Grid				
Nominal output current(A)	31.6/33.3	37.5	41.6	50
Max output current(A)	37	41	46	55
Rated voltage(V)	240	240	240	240
Operating voltage range(V)	180-270	180-270	180-270	180-270
Nominal power output(W)	8000	9000	10000	12000
Max. apparent AC power(VA)	8900	9900	11000	13200
Operating frequency(Hz)	50/60	50/60	50/60	50/60
Operating frequency range(Hz)	45-55/55-65	45-55/55-65	45-55/55-65	45-55/55-65
Phase shi (cosφ)	0.99@full load	0.99@full load	0.99@full load	0.99@full load
Reactive power adjust range	-0.8~+0.8	-0.8~+0.8	-0.8~+0.8	-0.8~+0.8
THDI	<3%	<3%	<3%	<3%
UPS				
Nominal output current(A)	33.3	37.5	41.6	50
Nominal output voltage(V)	240	240	240	240
Rated output power (VA)	8000	9000	10000	12000
Operating frequency(Hz)	50/60	50/60	50/60	50/60
Peak power(VA)		1.1xPn/30min 1.25xPn/5min	1.5xPn/30s 2xPn/10s	
THDv	<3%	<3%	<3%	<3%
Switch time(ms)	<20	<20	<20	<20
Eciency				
EU Eiciency	98%	98%	98%	98%
Max.Eiciency@PV to grid	97.5%	97.5%	97.5%	97.5%
Max. Eiciency@ battery to grid	95%	95%	95%	95%
MPPT Eiciency	99.9%	99.9%	99.9%	99.9%
Protection				
Integrated disconnect	DC switch	DC switch	DC switch	DC switch
Reverse polarity protection	YES	YES	YES	YES
DC switch rating for each MPPT	YES	YES	YES	YES
Output over voltage protection	YES	YES	YES	YES
Output over current protection	YES	YES	YES	YES
Ground fault monitoring	YES	YES	YES	YES
Grid monitoring	YES	YES	YES	YES
Pole sensitive leakage current monitoring	YES	YES	YES	YES
AFCI	OPT	OPT	OPT	OPT
RSD	OPT	OPT	OPT	OPT
General				
Dimensions(mm)	650 440 220	650 440 220	650 440 220	650 440 220
Weight(Kg)	38kg	38kg	38kg	38kg
Degree of protection	IP65	IP65	IP65	IP65
Cooling concept	FAN	FAN	FAN	FAN
Topology	Transformer-less	Transformer-less	Transformer-less	Transformer-less
Relative humidity	0~100%	0~100%	0~100%	0~100%
Altitude(m)	<2000	<2000	<2000	<2000
Noise emission(dB)	<50	<50	<50	<50
Internal consumption(W)	<15	<15	<15	<15
Display	Touch color screen	Touch color screen	Touch color screen	Touch color screen
Communication interface	485/Wi-Fi/CAN	485/Wi-Fi/CAN	485/Wi-Fi/CAN	485/Wi-Fi/CAN
Standard Warranty	5/10 years	5/10 years	5/10 years	5/10 years