

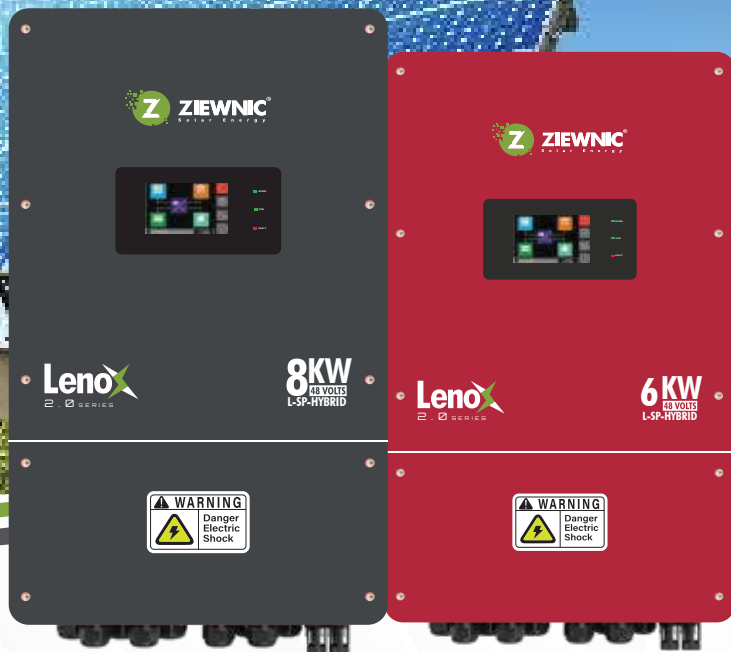
Leno

2.0 SERIES
L-SP-HYBRID

PV 8000W
PV 10000W

6.0 KW
8.0 KW

48V-L-SP-HYBRID ON & OFF GRID
INVERTER WITH ENERGY STORAGE



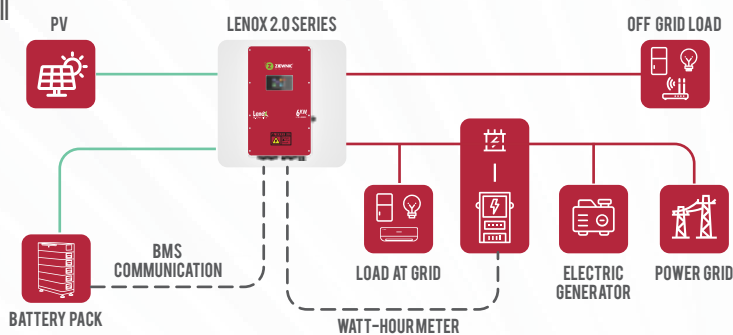
KEY SALIENT FEATURES

- ✓ Compatible with almost all 48V - Life P04 Battery Pack
- ✓ External light indicator, logging status at a glance.
- ✓ Plug and play, pick power with-in inverter, no external power needed, easy to install
- ✓ IP65 water-proof design, resistant to bad weather, enhance stability
- ✓ External design, easier to replace faulty equipment
- ✓ End-user can monitor yields at any time.

PRODUCT APPLICATION DIAGRAM



— DC
— AC
- - - RS485



MAX EFFICIENCY
98%



IP 65
PROTECTION



DUAL MPPT
8000W



SAFE



BATTERY COMMUNICATION
FOR LITHIUM BATTERY



INTERNAL
SPD



SUPPORT GENERATOR
CONNECTION



HIGH POWER
FACTOR



PARALLEL UP
TO 6 UNITS



140A
SOLAR CHARGE



HIGH
EFFICIENCY



TOUCH SCREEN
BUTTONS



RS485
CAN



HIGH SURGE
ENDURANCE



ZERO EXPORT



REMOTE MONITORING
VIA APP

MODEL	LENOX L-SP 6KW-48	LENOX L-SP 8KW-48
Rated Power	6000VA / 6000W	8000VA / 8000W
PV INPUT		
Max.power(kW)	8	10
Max.DC voltage(V)		500
MPPT voltage range(V)		90~450
Max.input current(A)	30	30
MPPT number/Max.input strings number	1/2	2/2
AC OUTPUT (GRID-TIED)		
Grid voltage/range(V)	230/90-280(For Personal Computers);170~280(For Home Appliances)	
Frequency(Hz)	50/60	
PF	0.8lagging-0.8leading	
THDi	<3%	
AC output topology	L+N+PE	
BATTERY		
Battery Voltage Range (V)	40~63	
Max.charging voltage(V)	63	
Max.charge/discharge current(A)	100/120	100/120
Battery Type	Lithium /Lead-acid	
UPS OUTPUT		
Rated power (kw)	6	8
Rated output voltage(V)	220/230/240	
Rated output current(A)	27.2/27/25	36.3/34.7/33.3
Rated frequency (Hz)	50/60	
Transfer Time(ms)	<10	
THDu	<10%	
Overload capacity	5s > 110%load; 10s > 101%~110% load	
PROTECTION & FEATURE		
Anti-island protection	Yes	
Insulation monitoring	Yes	
Residual current monitoring	Yes	
Arc fault protection	Yes (Optional)	
Parallel function	Yes, 6 units	
Other protection	AC Over-Current, AC Over-Voltage, Over Temperature Protection	
GENERAL PARAMETER		
Efficiency (peak)	93%	
Degree of protection	IP65	
Operation temperature	-25 C~50 C, >45 C derating smart cooling	
Cooling	Smart Cooling	
Relative humidity	5~95%(non-condensing)	
Altitude	(>2000m Derating)	
Dimensions W x D x H(mm)	345*197*661	
Net Weight(KG)	32	32
Isolation transformer	No	
Self-consumption(W)	<5	
DISPLAY AND COMMUNICATION		
Display	Touch screen	
Interface	Standard:RS232,CAN&RS485; Optional:WiFi,CT	
Safety standard	EN/IEC62109-1,EN/IEC62109-2	

Note: Product specifications are subject to change without further notice