

LPS

LEMANIAENERGY

Switzerland +

OFFGRID-2500 L

SWISS  QUALITY

PURE SINE AC POWER

High Quality Inverter supplies pure AC power to electronic devices ensuring their smooth operation

TWO THOUSAND+ CYCLES

High Quality LiFePo4 batteries are rated for over 2000 cycles delivering power when you need it for years to come

WHEELED TROLLEY DESIGN

The LPS can be moved easily without being carried thanks to its trolley wheels and handle

MULTIPLE OUTPUT

Power devices using the 8 separate outputs from smartphones to larger appliances



✓ HEAVY DUTY

POWER

OUTPUT DURATION

100%

0%



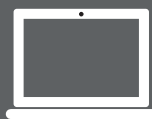
16 Hrs ~150W



1.2 Hrs ~2000W



1.5 Hrs ~1600W



32 Hrs ~75W



120 Hrs ~18W



80 Hrs ~30W

CHARGE

RECHARGE TIME

0%

100%



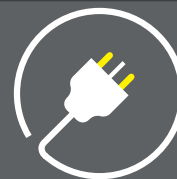
5 Hrs Max. 600W



5 Hrs Max. 600W



12 Hrs Max. 300W



24 Hrs Max. 160W

LITHIUM POWER STATION

APPLICATIONS



CONSTRUCTION



MEDICAL EMERGENCY



DRONE STATION



CAMPING OVERLAND



OVER CHARGE PROTECTION

The LPS internal batteries are protected from being overcharged by the battery management system

OVER DISCHARGE PROTECTION

The LPS will shut down its power outputs if the internal batteries become too discharged preventing damage

OVERLOAD PROTECTION

The LPS will reduce the power output to prevent damage should the load exceed the maximum output capacity

HIGH TEMPERATURE PROTECTION

The LPS continuously monitors the temperature of its components and will shut down to prevent any damage

INVERTER

OUTPUT

AC OUTPUT	Output Waveform	Pure Sine Wave, THD <3%
	Rated Voltage	100/110/120/220/230/24V
	Rated Frequency	50/60Hz
	Rated Output	2500A @100% Duty cycle
	Maximum Output	5000A
DC OUTPUT	Cigarette Lighter	12V/10A
	6mm Port	12V/6A
	USB	5V/3.1A, QC3.0
	USB-C	PD60W

INPUT

Mains power	100-120V / 200-240V, Max. 300W
Solar MPPT	36-140V Max 600W
8mm Port	12-15V/24V-30V Max 160W
Wind 3AC	22-26V Max 600W

BATTERY

TECHNOLOGY	LITHIUM
LiFePo ⁴	2688Wh
VOLTAGE	25.6VDC

DIMENSIONS

