

LYCAN 5000



 **RENOLOGY**
EMPOWERED

The Renogy LYCAN 5000 Power Box is an all-in-one energy storage system specially designed for emergencies, power outages, and off-grid homes.



FAST CHARGING

With an intelligent maximum power point tracking (MPPT) algorithm, the LYCAN can maximize solar energy generation at any time of the day and obtain a full charge in as little as 2.5 hours. Connecting the LYCAN to both solar panels and AC outlets simultaneously can further shorten the charging time to 1 hour from 0% to 80%.

MASSIVE CAPACITY

Providing a 4.8kWh capacity and a 3500W pure sine wave AC output, the LYCAN can deliver reliable power to most home appliances.

HIGH POWER OUTPUT

The LYCAN can easily power most heavy-duty home and outdoor appliances with a continuous power output of 3500W and peak power of up to 7000W.

SEAMLESS EXPANSION

The LYCAN can be easily expanded to up to 19.2kWh with Renogy 48V 50Ah Smart Lithium Iron Phosphate Batteries.

DURABILITY

The LYCAN is equipped with state-of-the-art Renogy LiFePO4 batteries with a lifespan of 4500 cycles. Used once a day, these batteries will last up to 10 years without dropping below 80% capacity.

BUILT IN PROTECTION

The LYCAN is equipped with circuit breakers and surge protection devices that prevent overvoltage, overloading, ensuring safety.

Dimensions	32.9 x 20.0 x 28.5 in 853 x 508 x 724 mm
Weight	234.6 lbs. 120kg
Battery Charge Current (Max)	100A
Protection Rating	IP55
Output Power	3500W / 7000W / (Rated/ Peak)
Solar Input Power	4400
Operating Temperature Range	14° F~ 122°F -10°C ~ 50°C
Battery Type	Lithium Iron Phosphate
Battery Cycle Life	4500 Cycles (80% DOD)
Rated AC Output Frequency	50Hz / 60Hz (Adjustable)



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