

# 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)