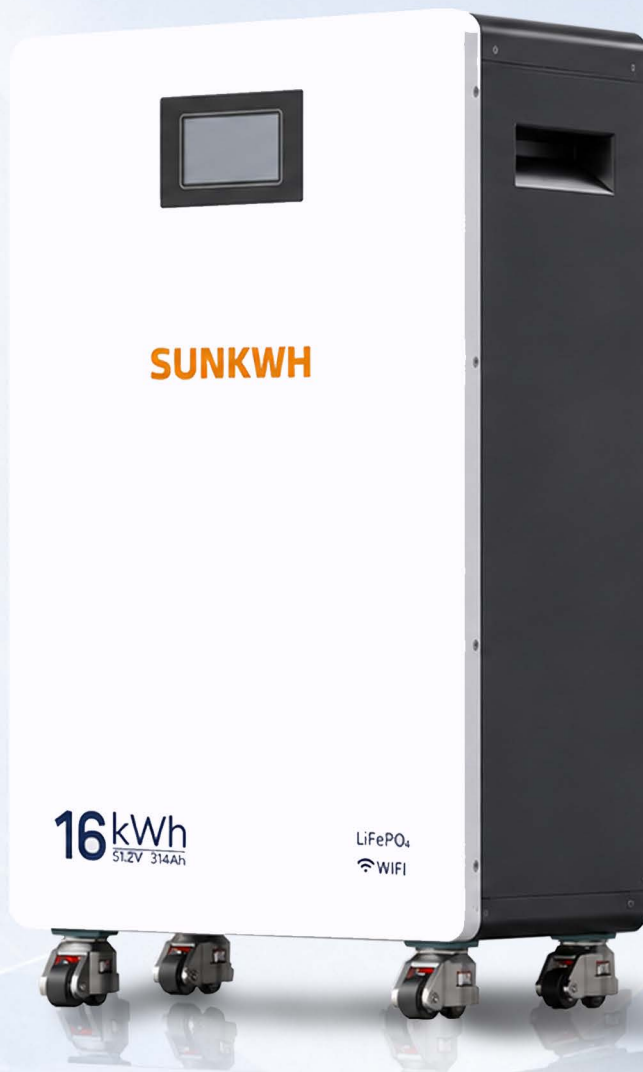


# Energy Storage Battery

# SUNKWH

SUN-16K Pro / IP65



## SAFE

Grade A LiFePO<sub>4</sub> Cell

## RELIABLE

Compatible with Major PCS Brand

## SCALABLE

Scalable From 16K to 1008 kWh

## WATERPROOF

IP65 Waterproof design

Model	SUN-16K Pro
Nominal Voltage	51.2 Vdc
Nominal Capacity	314 Ah
Battery Energy	16 kWh
Charge Current	150 A
Charge Power	7.68 kW
Discharge Current	200 A
Discharge Power	10.24 kW
Short Circuit Current	540 A
Display	Color touchscreen
Communication	CAN, RS485, RS232
Dimension(W×D×H mm)	450×230×800 mm
Weight(kg)	120 kg
Installation	Floor Stand
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C
Operating / Storage Humidity	≤ 95% RH
Max Operating Altitude	≤ 2000 m
IP Rating	IP65
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate
Cycle Life	8000 Cycles @ 80% DoD /25°C / 0.5C, 60% EOL
Scalability	Max 63 batteries in parallel
Certificates	IEC 62619, IEC 61000, IEC 62040, UN38.3
Product Ordering part	SUN-16K Battery (Cable included)

## MATCH MAINSTREAM INVERTER

**GOODWE**

**SAJ**

**MUST<sup>®</sup>**

**AESS**

**GROWATT**

**solis**

**SRNE**

**MEGAREVO**

**SMA**

**Deye**

**SOFAR**

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