

# BlueSpark Series Battery PACK

16 kwh Pack Module



## Flexible Expansion

Flexible capacity expansion up to 32kWh



## Easy Installation

Built-in mobile base for easier installation



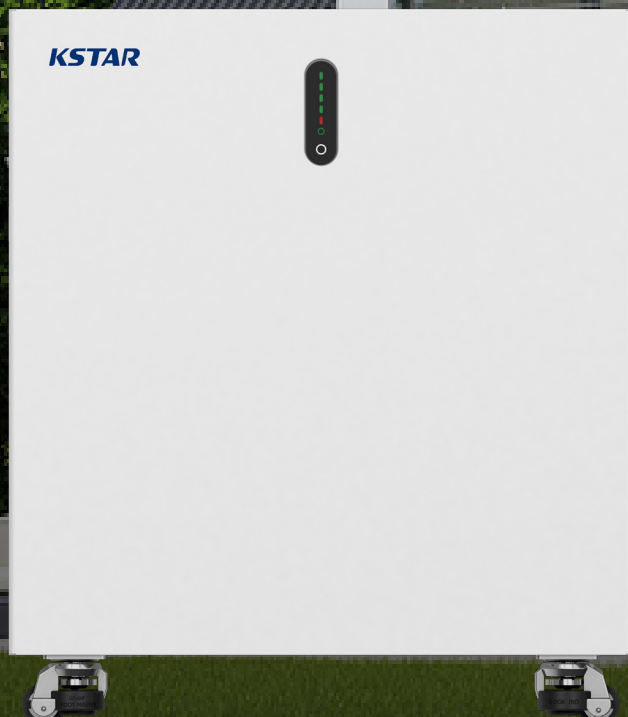
## Strong compatibility

Compatible with multiple hybrid inverters



## Flexible Adaptation

Adaptable to diverse home energy scenarios



Battery Model	BP48314P(F)1 <sup>1)</sup>
<b>General Parameters</b>	
Battery Type	LFP (LiFePO4)
Cell Brand	EVE
Energy Capacity	16 kWh
Usable Capacity	14.4 kWh- discharge capacity from 100% to min SoE
Max.Depth of Discharge	90%
Normal Voltage	51.2 V
Operating Voltage Range	44.8 ~ 57.6 V
Weight	150 kg
Dimensions (WxHxD)	725 x 750 x 263 mm
IP Protection	IP65
Warranty	5 Year Product Warranty, 10 Year Performance Warranty
Compatible Inverter	Knight (3600 / 6000)-48 & KnightH (3600 / 6000)-48 & HH(3.6 / 6 / 10)KS & E(3.68 / 5 / 6)KS-D22 & E(4 / 5 / 6 / 8 / 10 / 12)KT-D22
<b>Operation</b>	
Max. Continuous Charging Current	157 A (Single Battery Pack)
Max. Continuous Charging Power	8034 W
Max. Continuous Discharging Current	157 A (Single Battery Pack)
Max. Continuous Discharging Power	8034 W
Operating Temperature Range	-10°C to 50°C (Charging with heating film); -10°C to 50°C (Discharging)
Cooling Type	Natural convection
Humidity	0 ~ 95% (No condensation)
<b>BMS</b>	
Modules Connection	Max. 2
Communication	CAN
Monitoring Parameters	System Voltage, Current, Cell Voltage, Cell Temperature, PCBA Temperature
<b>Certificate</b>	
Safety and Transportation	Pack: UN38.3; MSDS; IEC 62040; IEC 62477; IEC 62619; IEC 63056; IEC 61000-6-2/4; Cell: IEC/EN 62619; UN38.3; UL1973

1) Refer to two models of battery pack: BP48314P1 (without heating foil) and BP48314PF1 (with heating foil).