

BATERIOVÉ ULOŽIŠTĚ



TECHNICKÝ LIST / DATASHEET

A Grade EVE MB31 Cells	Max.16 Units in Parallel
8000 Cycles Lifetime	90% DoD
* Outlook of the product may be subject to change without notice during product improving.	
Model	51.2v314ah, 51.2v314ah Battery Pack
Rated Energy*	16.6 kWh
Usable Energy*	15,8 kWh
Rated Voltage	51.2V
Operating Voltage	48~56V
Norminal Capacity	314Ah
Cell Type	LiFePO4, 3.2V 314ah, EVE MB31 A Grade
Cell Configuration	16S1P
Depth of Discharge (DOD)	90%
Max Charge Current*	150A
Max Charge Voltage*	57.6V
Max Discharge Current*	150A
Max Power Output*	7,5KW
Communication	CAN/RS485/RS232/Bluetooth
Cycle Life*	8000 (after 8000 cycles, capacity > 70%)
Weight	110 Kg
Dimensions (W × D × H)	750 x 450 x 250 mm
Operating Temperature	Charge: 0~50°C/Discharge: 0~50°C/Storage:-20~45°C
Humidity	≤90%
Operating Altitude	≤2000m
Protection	Over Temperature, Over Current, Short Circuit, Over-charging, Over-discharging, Low Voltage, 220A Circuit breaker
BMS	Jikong JK-PB2A16S-20P
Balancing	Active balancing, 2A
IEC CE	2014/30/EU (EMC Directive), 2023/1542 (Batteries Regulation), IEC 61000-6-1:2019, IEC 61000-6-3:2021, IEC 61000-3-2: 2019 +A2:2024, EN 61000-3-3:2013+A2:2021, IEC 62619:2022
Warranty	5 Years

SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE DURING PRODUCT IMPROVING.

RATED ENERGY*: CONDITIONS, 100% DOD, 0.5C CHARGE & DISCHARGE AT +25±3°C.

USABLE ENERGY*: CONDITIONS, 90% DOD, 0.5C CHARGE & DISCHARGE AT +25±3°C

CYCLE LIFE*: CONDITIONS, 90% DOD, 0.5C CHARGE & DISCHARGE AT +25±3°C.

MAX CHARGE CURRENT*/MAX CHARGE VOLTAGE*/MAX DISCHARGE CURRENT*/MAX CHARGE/MAX POWER OUTPUT*: POWER DERATING WILL OCCUR RELATED TO TEMPERATURE AND SOC.