

Bastion WF5K

PN: ESWMF51H5110BCV01B

EAN: 6422956013356

Specifications

Nominal Voltage	51.2V
Rated Capacity	100Ah
Cell Technology	LifePO4
Energy Stored	5.12KWh
Battery Impedance	≤ 50 mΩ
Charging Cut-off Voltage	56.00 V
Discharge Cut-off Voltage	45.6 V
Max Charge Current	110A (environment 0° ~ 50°C)
Max Continue Discharge Current	110A (environment -10° ~ 55°C)
BMS	Included
Operating Temperature Range	Charge: -10°C ~ 55°C Discharge: -20°C ~ 60°C Powerful Charge: 0°C ~ 50°C Powerful Discharge: -10°C ~ 55°C
Protection	Cell/Pack Under-voltage Cell/Pack Over-voltage Charge / Discharge Over-current Charge / Discharge Under-temperature Charge / Discharge Over-temperature Mosfet Over-temperature Environment Under-temperature Environment Over-temperature Cell Balancing Fire Aerosol Suppresion System
Display	LED
Comunication	RS232, RS485, CAN
Storage Environment (50% state of charge)	-20°C ~ 45°C Humidy: 65±20% RH
Environment	Indoor
Installation	Wall mounted /Floor stand
Life Cycle	6000 times @ 80% DOD & 25°C
Cooling	Natural convection
Protection Rating	IP54



Superior Efficiency



High Reliability






Scalability up to 15 units

- Battery monitoring system included
- Scalability up to 15 pcs
- Installation Wall mounted or Floor stand
- Protection IP 54
- Natural cooling, silent operation
- Cell tehnology Lithium - iron phosphate (LifePO4)

Product dimmensions 548 x 485 x 173mm

Logistics

 Carton Box Size (LxWxH)	628 x 556 x 275 mm
 Pieces in the Carton Box	1
 Net & Gross weight / CTN	Net 48.3 kg / Gross 54.5 kg



Certificates

RoHS 2011/65/EU **CE**

Safety CB, IEC62619, UN38.3, MSDS, CE-EMC, EN61000-6-1/2/3/4; CE-GPDS, EN62619

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