

## LITHIUM BATTERY

### ELITE 48V/112AE (Series)

#### Battery Series

Battery System Designed For PV Commercial Application



-  Plug & Play
-  Safety
-  Modular
-  Long Lifespan

#### BMS

Power Consumption	<2 W (Work) <100 mW (Sleep)
Monitoring Parameters	Intelligent algorithm
Communication	CAN

#### System Configuration

Module Parallel	4-13 Series
Capacity Range	22.9/28.7...../74.5 kWh

#### Operation

Max. Charge Current	112A(1C)
Max. Discharge Current	112A(1C)
Operating Temperature Range	-10°C ~ 50°C
Transport Or Storage Temperature Range	-20°C ~ 45°C
Humidity	15% ~ 85%

#### Warranty

Product Warranty	5 Years
Performance Warranty	10 Years

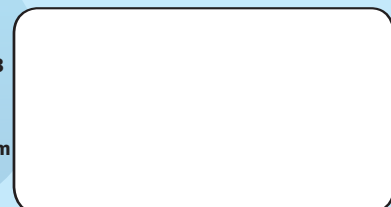
#### Physical

Model	ELITE 48V/112 AES
Battery Type	LiFePO <sub>4</sub> (LFP)
Battery Manufacturer	
Weight	65 kg
Dimension (W x D x H)	450 x 580 x 165 mm
Protection Level	IP20

#### Electrical

Energy Capacity	5.73 kWh
Usable Capacity	5.16 kWh
DOD	90%
Nominal Voltage	51.2 V
Operation Voltage Range	48 ~ 58 V
Internal Resistance	≤30 mΩ
Cycle Life	≥6000

\* When the temperature is below 0°C, batteries are not allowed to be charges, and they will derate power output when it is above 40°C.



Authorized Dealer