SOLTARO

INNOVATIVE SOLAR BATTERY STORAGE SOLUTIONS

When design meets innovation

The All New AIO2 from SOLTARO

- All-One ESS-2ND Generation
- Australian Designed&Engineered
- Wall Mounted
- Expandable Storage
- Available in Hybrid or AC Coupled Inverter Options

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10 Year Warranty or 10000 Charging Cycles

Local & Remote Monitoring

Plug and Play

Expandable Storage

Expert Engineering

Clean Energy

CONTACT US

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MODEL NUMBER	AIO2-BTLVP-5KWH	AIO2-BTLVP-11KWH
BATTERY INPUT SIDE		
Battery Capacity	LiFeP04 5kWH	LiFeP04 11kWH
Useable Energy	4.5 kWh	9.9 kWH
Nominal Battery Voltage	51.2V	51.2V
Battery Voltage Range	44.8-57.6V	44.8-56V
Galvanic Isolation for Battery	YES	YES
Max. Charge Current	50A	100A
Max. Charge Power	2.56kW	5.12kW
Max. Discharge Current	100A	100A
Max. Discharge Power	5.12kW	5.12kW
Rated DC Power	2.56kW Charge, 5.12kW Discharge(MAX)	5.12kW Charge & Discharge
Max Short Circuit Current	330A	330A
Protection	Over Voltage, Less Voltage, Over Current,Short Circuit, Over Temperature,Under temperature, Lithium lon: 90% DOD Adjustable	
Cycles	10000 Cycles	10000 Cycles
Operating temperature range		
— Charge temperature range	From 5℃ to 50℃	From 10℃ to 50℃
— Discharge temperature range	From -15℃ to 55℃	From -15℃ to 55℃
Nominal weight	(54±1)kg	(97±1)kg
Nominal dimensions (W*H*D)	(540±3)mm×(459±3)mm×(210±3)mm	(540±3)mm×(709±3)mm×(210±3)mm
Battery soft start protection	YES	YES

*This value may be reduced by high/low ambient temperatures