



ACETECH

BESS ENEREXPERT

AERIAL WORK PLATFORM BATTERY, POWERED BY INTELLIGENT LITHIUM-ION TECHNOLOGY



COST REDUCTION

Recharge efficiency saves electricity bills and reduces the heating damage costs of the batteries.



DROP-IN REPLACEMENT

Our Lithium-Ion batteries can directly replace your current batteries in many applications.



SAVE SPACE

No more regular battery changing or charging rooms required, saving further cost and improving safety.



EFFICIENCY

The lithium-ion battery will only take a shorter charging time. So workers can save a lot of time..



HEALTHIER WORKING ENVIRONMENT

Zero-emissions helps to create a healthier work environment and lessens the environmental footprint.



FAST CHARGE

One pack of batteries supports 2- or 3-shift operations. Quick opportunity charge means your crew can simply plug in the equipment during breaks, then get back to work.



BENEFITS



70%

Lower TCO



0

Zero Emission



\$0

Free-Maintenance



1~2hours

Fast Charge



100%

High Safety



3000+

Life Cycles

SPECIFICATIONS



	24V			48V	
Model	B.EXPERT.AWP-2450	B.EXPERT.AWP-24100	B.EXPERT.AWP-24200	B.EXPERT.AWP-4850	B.EXPERT.AWP-48100
Dimension	12.1 x 6.8 x 8.5 inch (306 x 172 x 215 mm)	13.2 x 11.1 x 9.7 inch (334 x 280 x 245 mm)	20.6 x 11.1 x 9.7 inch (521 x 280 x 245 mm)	13.2 x 11.1 x 9.7 inch (334 x 280 x 245 mm)	20.6 x 11.1 x 9.7 inch (521 x 280 x 245 mm)
Weight	29 lbs (13.4 kg)	54 lbs (24.5 kg)	86 lbs (38.9 kg)	58 lbs (26.2 kg)	95 lbs (43.1 kg)
Available Capacity	50 Ah (1.28 kWh)	100 Ah (2.56 kWh)	200 Ah (5.12 kWh)	50 Ah (2.56 kWh)	100 Ah (5.12 kWh)
System / Nominal Voltage	24V / 25.6 V			48V / 51.2 V	
Continuous Charge Current	50 A	100 A	100 A	50 A	100 A
Continuous Discharge Current (A)	50 A	100 A	100 A	50 A	100 A
Charge Temperature	32°F to 131°F (0°C to 55°C) *				
Discharge Temperature	-4°F to 140°F (-20°C to 60°C)				
Battery Technology	LFP				
Protection Rating	IP67				
Cycle Life	6000 cycles **				
Communication	CAN -Bus				
Charger	Compatible with ACE charger and approved chargers				

*with heating option -4°F to 131°F (-20°C to 55°C)

**vary with operating conditions



Model	Wire	Input Voltage(V)	Output Voltage(V)	Output Current(A)
ACEIVC24-20	Single	AC 110/220	24	20
ACEIVC24-40	Single	AC 110/220	24	40
ACEIVC24-100	Single	AC 110/220	24	100
ACEIVC48-20	Single	AC 110/220	48	20
ACEIVC48-40	Single	AC 110/220	48	40

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