

## Product data sheet

### Characteristics

# ABL8BPK24A12

## Battery Pack, Phaseo ABL7 ABL8, 12Ah

### Main

Range of product	Phaseo
Product or component type	Battery module
Input voltage	24 V DC
Output voltage	24 V DC
Maximum output current	75 A
Battery capacity	12 Ah
Holding time	< 20 h at 0.6 A, 20 °C > 5 min at 31.3 A, 20 °C

### Complementary

Input voltage limits	21...29 V
Charging time	72 h
Load current	1.2 A
Output protection type	Against overload and short-circuits, protection technology: 2 x 30 A automotive type fuses
Connections - terminals	For input connection: screw type terminals, connection capacity: 4 x 0.5...4 x 10 mm <sup>2</sup> AWG 20...AWG 8 For output connection: screw type terminals, connection capacity: 4 x 0.5...4 x 10 mm <sup>2</sup> AWG 20...AWG 8
Self-discharge rate	15 %, 6 months 9 %, 3 months 3 %, 1 month
Fixing mode	By 2 screws diameter: 5 mm on horizontal panel, operating position: horizontal By 4 screws diameter: 5 mm on vertical panel, operating position: vertical
Output coupling	Parallel
Operating altitude	2000 m
Service life in hours	11000 H at 40 °C 15000 H at 35 °C 22000 H at 30 °C 31000 H at 25 °C 44000 H at 20 °C 5000 H at 50 °C 7300 h at 45 °C
Marking	CE
Net weight	12 kg

### Environment

Product certifications	CTP[RETURN]JUL
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-20...50 °C
IP degree of protection	IP10 conforming to IEC 60529
Overvoltage category	Class 3 conforming to VDE 0106-1
Vibration resistance	2 gn (f= 11.9...150 Hz) conforming to IEC 61131-2 3.5 mm (f= 3...11.9 Hz) conforming to IEC 61131-2

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.500 cm
Package 1 Width	20.000 cm
Package 1 Length	33.000 cm
Package 1 Weight	10.856 kg
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	120.270 kg

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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