

Product availability: Non-Stock - Not normally stocked in distribution facility



### 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 hat 0.6 A, 68 °F (20 °C) > 5 minat 31.3 A, 68 °F (20 °C)

### Complementary

Input voltage limits	21...29 V
Load current	1.2 A
Charging time	72 h
Output protection type	Against overload and short-circuits, protection technology: 2 x 30 A automotive type fuses
Connections - terminals	Screw type terminals input connection, connection capacity: 4 x 0.5...4 x 10 mm <sup>2</sup> AWG 20...AWG 8 Screw type terminals output connection, connection capacity: 4 x 0.5...4 x 10 mm <sup>2</sup> AWG 20...AWG 8
Self-discharge rate	15 %, 6 months 3 %, 1 month 9 %, 3 months
Fixing mode	By 2 screws, screw(s) Ø = 0.2 in (5 mm) on horizontal panel, operating position: horizontal By 4 screws, screw(s) Ø = 0.2 in (5 mm) on vertical panel, operating position: vertical
Output coupling	Parallel
Operating altitude	6561.68 ft (2000 m)
Service life in hours	11000 hat 104 °F (40 °C) 15000 hat 95 °F (35 °C) 22000 hat 86 °F (30 °C) 31000 hat 77 °F (25 °C) 44000 hat 68 °F (20 °C) 5000 hat 122 °F (50 °C) 7300 hat 113 °F (45 °C)
Marking	CE
Product weight	26.46 lb(US) (12 kg)

### Environment

IP degree of protection	Conforming to EN/IEC 60529
Ambient air temperature for operation	32...104 °F (0...40 °C)
Ambient air temperature for storage	-4...122 °F (-20...50 °C)
Overvoltage category	Class 3 conforming to VDE 0106-1
Vibration resistance	3.5 mm (f = 3...11.9 Hz) conforming to EN/IEC 61131-2 2 gn (f = 11.9...150 Hz) conforming to EN/IEC 61131-2
Product certifications	GOST UL

### Ordering and shipping details

Category	22525 - ABL8 AND ABL7 POWER SUPPLIE
Discount Schedule	CP12
GTIN	00785901685227
Nbr. of units in pkg.	1
Package weight(Lbs)	23.010000000000002
Returnability	N
Country of origin	FR

### Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

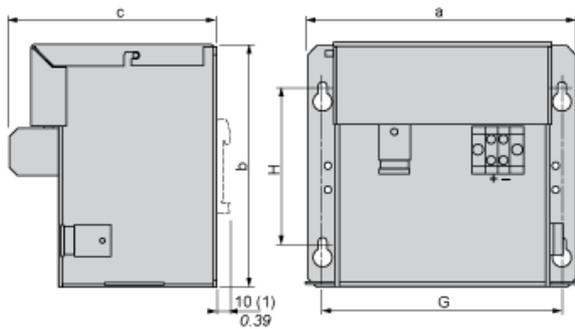
### Contractual warranty

Warranty period	18 months
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24 Vdc Battery Module

Dimensions

mm  
inch



ABL	a	b	c	G	H
8BPK24A03	184/7.24	138,5/5.45	131	156/6.14	83/3.27
8BPK24A07	170/6.69	155,5/6.12	131	152/5.98	100/3.94
8BPK24A12	236/9.29	155,5/6.12	131	218/3.94	100/3.94

(1) ABL8BPK24A03 (with kit ABL1A02)

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## 24 Vdc Battery Module

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### Mounting



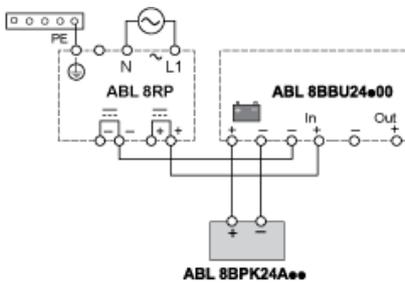
Wiring Requirements

Cable Types and Wire Sizes

	<b>ABL 8BPK24A12</b> mm²/AWG: 6/10	<b>ABL 8BPK24A12</b> mm²/AWG: 10/16
	Nm: 1.7 Nm max lb-in: 15	

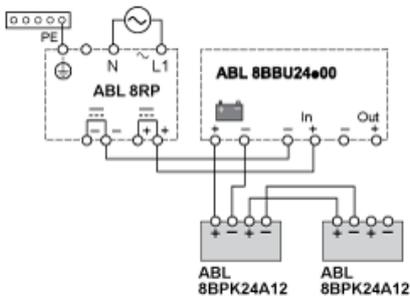
24 Vdc Battery Module Wiring

Wiring Diagram



Paralleling 2 x ABL8PK24A12

Wiring Diagram



# Mouser Electronics

Authorized Distributor

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