

**DURA ECO LA-BAT 24V 12AH****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The 5 battery modules with capacities from 1,2 Ah to 17Ah can supply up to 40 A for 30 minutes or 1 A for 30 hours and are fully compatible with the DC UPS control units CP DC UPS 24V 20A/10A & CP DC UPS 24V 40A. And for sure, the DURAeco series is a flexible & ease of use solution in a cost-effective design.

**General ordering data**

Version	Battery
Order No.	<a href="#">2789920000</a>
Type	DURA ECO LA-BAT 24V 12AH
GTIN (EAN)	4064675068679
Qty.	1 pc(s).

Creation date March 19, 2024 8:52:22 AM CET

Catalogue status 09.03.2024 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	135 mm	Depth (inches)	5.315 inch
Height	158 mm	Height (inches)	6.22 inch
Width	229 mm	Width (inches)	9.016 inch
Net weight	9,700 g		

### Temperatures

Storage temperature	-15 °C...50 °C	Humidity	5...95 % RH
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### Operating interfaces and control inputs

Temperature probe	NTC 100 kΩ
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### Input

Charging current, max.	1.8 A	Nominal capacity	12 Ah
Rated input voltage	24 V DC		

### Output

Buffer time depending on current	Buffer time	5 min
	Current	46 A
	Buffer time	10 min
	Current	30 A
	Buffer time	60 min
	Current	8.1 A
Output current, max.	50 A	
Overload and short circuit protection	2x25 A fuse	
Parallel connection option	Yes	
Temperature probe	NTC 100 kΩ	

### General data

Ambient temperature	-15 °C...+50 °C	Humidity	5...95 % RH
Life expectancy	5.65 a	Protection degree	IP20
Shock wall acc. to IEC 68227	30 g	Vibration DIN rail/wall in accordance with IEC 68-2-6	- / 0.7 g

### Insulation coordination

Protection class	III, with no ground connection, for SELV
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### Connection data (input)

Conductor cross-section, AWG/kcmil , max.	6 AWG	Conductor cross-section, AWG/kcmil , min.	24 AWG
Conductor cross-section, flexible , min.	0.5 mm <sup>2</sup>	Conductor cross-section, rigid , max.	16 mm <sup>2</sup>
Conductor cross-section, rigid , min.	0.5 mm <sup>2</sup>	Wire connection cross section, flexible (input), max.	10 mm <sup>2</sup>

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**Technical data****Connection data (signal)**

Number of terminals	2	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil, max.	16	Wire cross-section, AWG/kcmil, min.	24 mm <sup>2</sup>
Wire cross-section, solid, max.	1.5 mm <sup>2</sup>	Wire cross-section, solid, min.	0.2 mm <sup>2</sup>

**Approbations**

Certificate no. (cULus)	E258476	Institute (cULus)	CULUS
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**Classifications**

ETIM 6.0	EC002850	ETIM 7.0	EC002850
ETIM 8.0	EC002850	ETIM 9.0	EC002850
ECLASS 9.0	27-04-06-92	ECLASS 9.1	27-04-92-01
ECLASS 10.0	27-04-06-92	ECLASS 11.0	27-04-06-92
ECLASS 12.0	27-04-06-92	ECLASS 13.0	27-04-06-92

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	30bf869c-8adc-4ed2-ad02-c1fec963e943

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E258476

**Downloads**

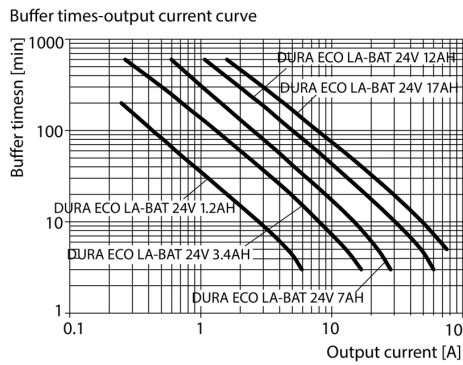
Approval/Certificate/Document of Conformity	<a href="#">DNV Certificate.pdf</a> <a href="#">UL 61010-1 Certificate.pdf</a> <a href="#">DURA ECO LA BAT ABS Cert.pdf</a> <a href="#">BV Certificate</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Instruction sheets</a> <a href="#">Safety Data Sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)



Buffer Time