

**DURA ECO LA-BAT 24V 1.2AH****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="#">2789890000</a>
Type	DURA ECO LA-BAT 24V 1.2AH
GTIN (EAN)	4064675068648
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Depth	124 mm	Depth (inches)	4.882 inch
Height	149.5 mm	Height (inches)	5.886 inch
Width	52 mm	Width (inches)	2.047 inch
Net weight	1,750 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.	0.2 A	Nominal capacity	1.3 Ah
Rated input voltage	24 V DC		

### Output

Buffer time depending on current	Current	6 A
	Buffer time	3 min
	Current	4.5 A
	Buffer time	5 min
	Current	1.4 A
	Buffer time	30 min

Output current, max.	15 A
Overload and short circuit protection	10 A fuse
Parallel connection option	Yes
Temperature probe	NTC 100 kΩ

### General data

Ambient temperature	-15 °C...+50 °C	Clip-in foot	metal
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 / 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.	12 AWG	Conductor cross-section, AWG/kcmil , min.	24 AWG
Conductor cross-section, flexible , min.	0.2 mm <sup>2</sup>	Conductor cross-section, rigid , max.	4 mm <sup>2</sup>
Conductor cross-section, rigid , min.	0.2 mm <sup>2</sup>	Number of terminals	2 (+,-)
Tightening torque, max.	0.5 Nm	Tightening torque, min.	0.5 Nm
Wire connection cross section, flexible (input), max.	4 mm <sup>2</sup>		

Creation date November 26, 2024 11:43:25 AM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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### Connection data (signal)

Number of terminals	2	Wire connection cross-section, flexible (signal), max.	4 mm <sup>2</sup>
Wire connection cross-section, flexible (signal), min.	0.2 mm <sup>2</sup>	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil , max.	12	Wire cross-section, AWG/kcmil , min.	24 mm <sup>2</sup>
Wire cross-section, solid , max.	4 mm <sup>2</sup>	Wire cross-section, solid , min.	0.2 mm <sup>2</sup>

### 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
ECLASS 14.0	27-04-06-92		

### Environmental Product Compliance

RoHS Compliance Status	Not affected
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	30bf869c-8adc-4ed2-ad02-c1fec963e943

### Approvals

Approvals



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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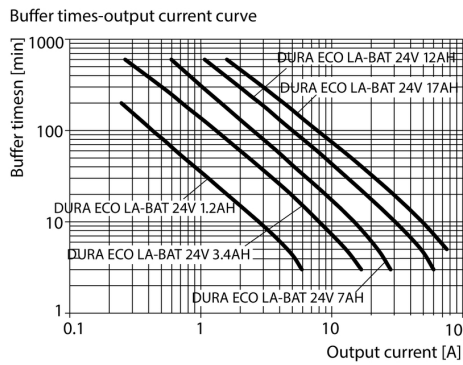
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**Drawings**

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Buffer Time