

**DURA ECO LA-BAT 24V 7AH****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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="#">2789910000</a>
Type	DURA ECO LA-BAT 24V 7AH
GTIN (EAN)	4064675068662
Qty.	1 pc(s).

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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	162 mm	Width (inches)	6.378 inch
Net weight	6,120 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.	1.08 A	Nominal capacity	7 Ah
Rated input voltage	24 V DC		

**Output**

Buffer time depending on current	Current	35 A
	Buffer time	3 min
	Current	27 A
	Buffer time	5 min
	Current	8.5 A
	Buffer time	30 min

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>	Number of terminals	2 (+,-)
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
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 cross-section, flexible (signal), max.	1.5 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.	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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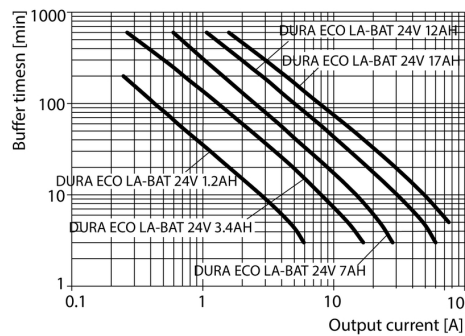
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Buffer times-output current curve



Buffer Time