

DURA ECO LA-BAT 24V 7AH**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.	2789910000
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 ²	Conductor cross-section, rigid , max.	16 mm ²
Conductor cross-section, rigid , min.	0.5 mm ²	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 ²		

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Catalogue status 01.03.2025 / We reserve the right to make technical changes.

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Technical data**Connection data (signal)**

Number of terminals	2	Wire connection cross-section, flexible (signal), max.	1.5 mm ²
Wire connection cross-section, flexible (signal), min.	0.2 mm ²	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil, max.	16	Wire cross-section, AWG/kcmil, min.	24 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire cross-section, solid, min.	0.2 mm ²

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

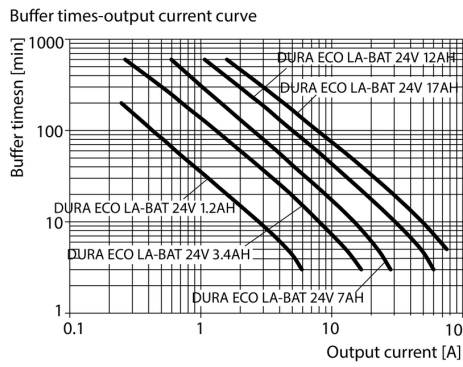
Approval/Certificate/Document of Conformity	DNV Certificate.pdf UL 61010-1 Certificate.pdf DURA ECO LA BAT ABS Cert.pdf BV Certificate Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheets Safety Data Sheet
Catalogues	Catalogues in PDF-format

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Drawings

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Buffer Time