

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.	2789890000
Type	DURA ECO LA-BAT 24V 1.2AH
GTIN (EAN)	4064675068648
Qty.	1 pc(s).

Creation date November 1, 2023 8:44:02 AM CET

Catalogue status 28.10.2023 / We reserve the right to make technical changes.

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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	-20 °C...60 °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	Buffer time	3 min
	Current	6 A
	Buffer time	5 min
	Current	4.5 A
	Buffer time	30 min
	Current	1.4 A
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	Charge: -15...+50°C, Discharge: -20...+60°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	Conductor cross-section, AWG/kcmil , min.	24
Conductor cross-section, flexible , min.	0.2 mm ²	Conductor cross-section, rigid , max.	4 mm ²
Conductor cross-section, rigid , min.	0.2 mm ²	Wire connection cross section, flexible (input), max.	4 mm ²

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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.	12	Wire cross-section, AWG/kcmil , min.	24
Wire cross-section, solid , max.	4 mm ²	Wire cross-section, solid , min.	0.2 mm ²

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	27040692

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

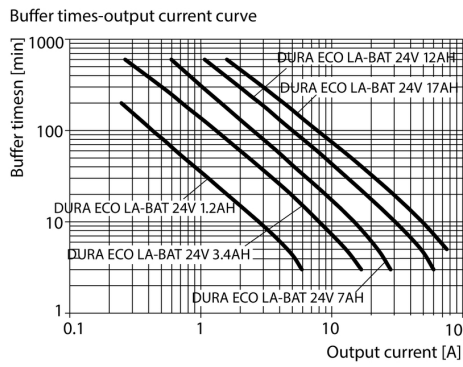
Approval/Certificate/Document of Conformity	DNV Certificate.pdf UL 61010-1 Certificate.pdf DURA ECO LA BAT ABS Cert.pdf BV Certificate Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheets Safety Data Sheet
Catalogues	Catalogues in PDF-format

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Drawings

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Buffer Time