

DURA ECO LA-BAT 24V 3.4AH**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.	2789900000
Type	DURA ECO LA-BAT 24V 3.4AH
GTIN (EAN)	4064675068655
Qty.	1 pc(s).

DURA ECO LA-BAT 24V 3.4AH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	166 mm	Depth (inches)	6.535 inch
Height	141 mm	Height (inches)	5.551 inch
Width	108 mm	Width (inches)	4.252 inch
Net weight	3,900 g		

Temperatures

Storage temperature	-15 °C...50 °C	Humidity	5...95 % RH
---------------------	----------------	----------	-------------

Operating interfaces and control inputs

Temperature probe	NTC 100 kΩ
-------------------	------------

Input

Charging current, max.	0.51 A	Nominal capacity	3.4 Ah
Rated input voltage	24 V DC		

Output

Buffer time depending on current	Current	17 A
	Buffer time	3 min
	Current	13 A
	Buffer time	5 min
	Current	3.7 A
	Buffer time	30 min
Output current, max.	25 A	
Overload and short circuit protection	25 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
------------------	--

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		

Creation date November 26, 2024 12:21:15 PM CET

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

DURA ECO LA-BAT 24V 3.4AH

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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

Creation date November 26, 2024 12:21:15 PM CET

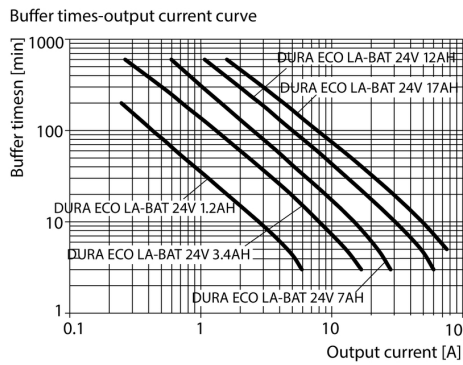
Catalogue status 26.11.2024 / We reserve the right to make technical changes.

DURA ECO LA-BAT 24V 3.4AH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

Drawings

www.weidmueller.com



Buffer Time