

DURA ECO LA-BAT 24V 12AH

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.	2789920000
Type	DURA ECO LA-BAT 24V 12AH
GTIN (EAN)	4064675068679
Qty.	1 items

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Technical data

Approvals

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UL File Number Search	UL Website
Certificate no. (cULus)	E258476

Dimensions and weights

Depth	135 mm	Depth (inches)	5.3149 inch
Height	158 mm	Height (inches)	6.2205 inch
Width	229 mm	Width (inches)	9.0157 inch
Net weight	9700 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Not affected
REACH SVHC	Lead 7439-92-1
SCIP	30bf869c-8adc-4ed2-ad02-c1fec963e943

Operating interfaces and control inputs

Temperature probe	NTC 100 kΩ
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Input

Rated input voltage	24 V DC	Nominal capacity	12 Ah
Charging current, max.	1.8 A		

Output

Parallel connection option	Yes	
Output current, max.	50 A	
Temperature probe	NTC 100 kΩ	
Buffer time depending on current	Current	46 A
	Buffer time	5 min
	Current	30 A
	Buffer time	10 min
	Current	8.1 A
	Buffer time	60 min
Overload and short circuit protection	2x25 A fuse	

General data

Ambient temperature	-15 °C...+50 °C	Humidity	5...95 % RH
Protection degree	IP20	Life expectancy	5.65 a

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Vibration DIN rail/wall in accordance with IEC 68-2-6	- / 0.7 g	Shock wall acc. to IEC 68227	30 g
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Insulation coordination

Protection class	III, with no ground connection, for SELV
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Connection data (input)

Number of terminals	2 (+,-)	Conductor cross-section, AWG/kcmil , max.	6 AWG
Conductor cross-section, AWG/kcmil , min.	24 AWG	Wire connection cross section, flexible (input), max.	10 mm ²
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	Tightening torque, min.	1.2 Nm
Tightening torque, max.	2.4 Nm		

Connection data (signal)

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

Classifications

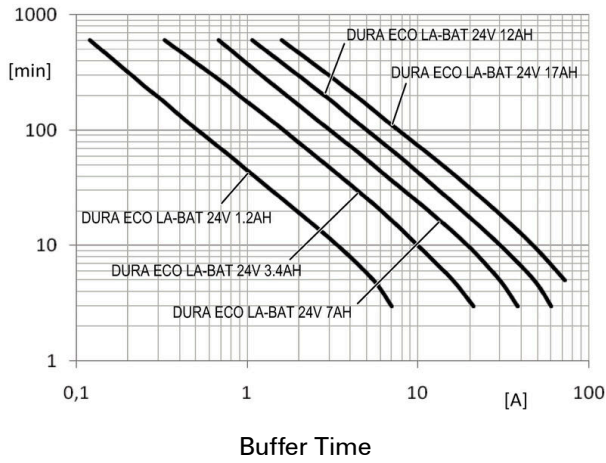
ETIM 8.0	EC002850	ETIM 9.0	EC002850
ETIM 10.0	EC002850	ECLASS 14.0	27-04-06-92
ECLASS 15.0	27-04-06-92		

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Drawings

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Accessories

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BCZ 3.81/180



Female socket connectors with clamping-yoke screw system for connecting wires.

Three wire-outlet directions are available and provide flexible connection-level design options:

- 180° wire parallel to plugging direction
- 90° wire perpendicular and above plugging direction
- 270° wire perpendicular and below plugging direction

There are three housing shapes, covering many different requirements, to choose from:

- Standard housing without flange
- Flange with screw (F)
- Flange featuring Weidmüller's patented release latch (LR) for lock-and-release latching with no strain and no tools needed.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of customary connectors and offer space for labelling and coding.

General ordering data

Type	BCZ 3.81/02/180 SN BK BX	Version	
Order No.	1792770000	PCB plug-in connector, female plug, 3.81 mm, Number of poles: 2,	
GTIN (EAN)	4032248226757	180°, Clamping yoke connection, Clamping range, max. : 1.5 mm ² ,	
Qty.	50 ST	Box	