

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 ST

DURA ECO LA-BAT 24V 3.4AH

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

www.weidmueller.com

Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	166 mm	Depth (inches)	6.5354 inch
Height	141 mm	Height (inches)	5.5512 inch
Width	108 mm	Width (inches)	4.252 inch
Net weight	3900 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
-------------------	------------

Input

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

Output

Parallel connection option	Yes	
Output current, max.	25 A	
Temperature probe	NTC 100 kΩ	
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
Overload and short circuit protection	25 A fuse	

General data

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

DURA ECO LA-BAT 24V 3.4AH

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

www.weidmueller.com

Technical data

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

Insulation coordination

Protection class	III, with no ground connection, for SELV
------------------	--

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

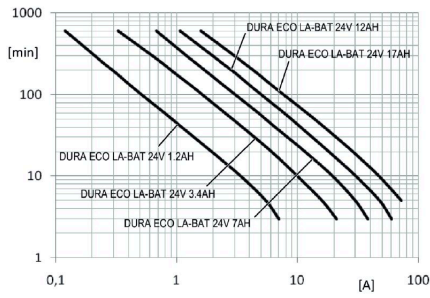
ETIM 6.0	EC002850	ETIM 7.0	EC002850
ETIM 8.0	EC002850	ETIM 9.0	EC002850
ETIM 10.0	EC002850	ECLASS 9.0	27-04-06-92
ECLASS 9.1	27-04-92-01	ECLASS 10.0	27-04-06-92
ECLASS 11.0	27-04-06-92	ECLASS 12.0	27-04-06-92
ECLASS 13.0	27-04-06-92	ECLASS 14.0	27-04-06-92
ECLASS 15.0	27-04-06-92		

DURA ECO LA-BAT 24V 3.4AH

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

Drawings

www.weidmueller.com



Buffer Time

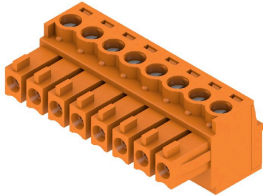
DURA ECO LA-BAT 24V 3.4AH

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

www.weidmueller.com

Accessories

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	