DURA ECO LA-BAT 24V 17AH

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.	2789930000
Type	DURA ECO LA-BAT 24V 17AH
GTIN (EAN)	4064675068686
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	189 mm	Depth (inches)	7.441 inch
Height	178 mm	Height (inches)	7.008 inch
Width	242 mm	Width (inches)	9.528 inch
Net weight	13,639 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.	2 A	Nominal capacity	17 Ah
Rated input voltage	24 V DC		

Output

Buffer time depending on current	Current	42 A
	Buffer time	10 min
	Current	21 A
	Buffer time	30 min
	Current	12 A
	Buffer time	60 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		

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 mm²	Conductor cross-section, rigid , max.	16 mm²
Conductor cross-section, rigid , min.	0.5 mm²	Number of terminals	2 (+,−)
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Wire connection cross section, flexible (input), max.	10 mm²		

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Connection data (signal)

Number of terminals	2	Wire connection cross-section, flexible (signal), max.	1.5 mm²
Wire connection cross-section, flexible (signal), min.	0.2 mm²	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil , max.	16	Wire cross-section, AWG/kcmil , min.	24 mm²
Wire cross-section, solid , max.	1.5 mm²	Wire cross-section, solid , min.	0.2 mm²

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	Compliant with exemption
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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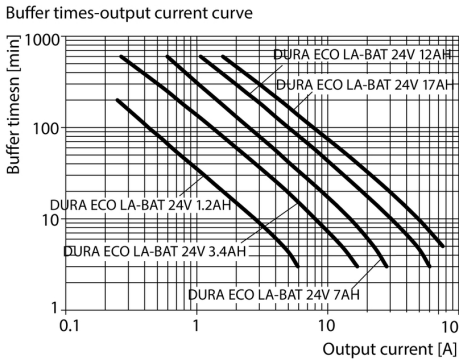
Drawings



Buffer Time