

CP A BATTERY 24V DC17AH

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.	1251110000
Type	CP A BATTERY 24V DC17AH
GTIN (EAN)	4050118043136
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2021-07-31T00:00:00+02:00
Alternative product	DURA ECO LA-BAT 24V 17AH

CP A BATTERY 24V DC17AH

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E349959

Dimensions and weights

Depth	160 mm	Depth (inches)	6.2992 inch
Height	178 mm	Height (inches)	7.0079 inch
Width	242 mm	Width (inches)	9.5275 inch
Net weight	13330 g		

Temperatures

Storage temperature	-15 °C...40 °C	Operating temperature	0 °C...40
---------------------	----------------	-----------------------	-----------

Environmental Product Compliance

RoHS Compliance Status	Compliant
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	17
Charging current, max.	2.55 A		

Output

Parallel connection option	Yes	Output current, max.	50 A
Buffer time 10A	81 min	Temperature probe	NTC 100 kΩ
Protection against inverse voltage	Yes	Buffer time 20A	34.2 min
Overload and short circuit protection	2x25 A fuse	Buffer time 40A	13.5 min

General data

Protection degree	IP20	Max. perm. air humidity (operational)	5 %...95 % RH
Vibration DIN rail/wall in accordance with IEC 68-2-6	- / 0.7 g	Shock wall acc. to IEC 68227	30 g

Insulation coordination

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

CP A BATTERY 24V DC17AH

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

www.weidmueller.com

Technical data

Connection data (input)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	22
Wire connection cross section, flexible (input), max.	16 mm ²	Conductor cross-section, flexible , min.	0.5 mm ²
Conductor cross-section, rigid , max.	16 mm ²	Conductor cross-section, rigid , min.	0.2 mm ²
Tightening torque, min.	1.2 Nm	Tightening torque, max.	1.5 Nm

Connection data (output)

Number of terminals	2 (+ / -)	Conductor cross-section, AWG/kcmil , max.	6
Conductor cross-section, AWG/kcmil , min.	22	Conductor cross-section, flexible , max.	16 mm ²
Conductor cross-section, flexible , min.	0.5 mm ²	Conductor cross-section, rigid , max.	16 mm ²
Conductor cross-section, rigid , min.	0.2 mm ²	Tightening torque, min.	1.2 Nm
Tightening torque, max.	1.5 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.	28

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		

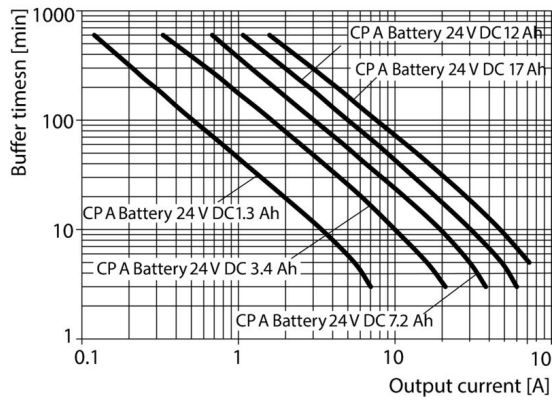
CP A BATTERY 24V DC17AH

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

Drawings

www.weidmueller.com

Buffer times-output current curve



Buffer Time

CP A BATTERY 24V DC17AH

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

www.weidmueller.com

Accessories

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/1 V0 GF SW	Version	
Order No.	1478990000	End bracket, black, TS 35, V-0, Wemid, Width: 12 mm, 130 °C	
GTIN (EAN)	4050118286892		
Qty.	50 ST		

Type	WEW 35/2 V0 GF SW	Version	
Order No.	1479000000	End bracket, black, TS 35, V-0, Wemid, Width: 8 mm, 130 °C	
GTIN (EAN)	4050118286779		
Qty.	50 ST		

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SL 0.6X3.5X100	Version	
Order No.	1274660000	Screwdriver, Mounting tool	
GTIN (EAN)	4050118072631		
Qty.	1 ST		

Type	SDIS SL 1.0X5.5X125	Version	
Order No.	1274680000	Screwdriver, Mounting tool	
GTIN (EAN)	4050118073263		
Qty.	1 ST		