

## CP-BBU 115-230VAC / 24VDC

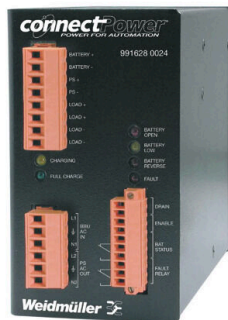
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



The UPS control unit together with the associated battery module and the power supply unit form a complete DC UPS system. In normal operation, the input voltage from the UPS control unit is connected directly to the load. In the event of a mains failure (drop of the DC input voltage) the system switches instantly to battery operation. Once the mains supply has been restored, the system switches back to normal operation and the battery is fully recharged by the integrated charger.

Three relay outputs, as well as three additional active transistor outputs and a control input to lock battery operation, provide full remote control by means of SPS or DCS control. Numerous modes of operation and an easy-to-use status display provide rapid fault diagnosis and optimum customisation to the application.

### General ordering data

Version	UPS control unit, 24 V
Order No.	<a href="#">9916280024</a>
Type	CP-BBU 115-230VAC / 24VDC
GTIN (EAN)	4032248217878
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2014-12-31T00:00:00+01:00

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E196651

## Dimensions and weights

Depth	161 mm	Depth (inches)	6.3386 inch
Height	127.5 mm	Height (inches)	5.0197 inch
Width	72.5 mm	Width (inches)	2.8543 inch
Net weight	1150 g		

## Temperatures

Storage temperature	-20 °C...85 °C	Humidity at storage temperature	20 to 90%
Operating temperature	-20 °C...50	Humidity at operating temperature	20 to 85% RH without condensation

## Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

## Input

Surge protection	Varistor	Connection range	AWG26-12 (0.1-4.0 mm <sup>2</sup> )
Input frequency	50/ 60 Hz	Input fuse	2 A time-lag fuse (internal)
Wire connection method	Screw connection	Input voltage (voltage mode input)	85...265 V AC; 120...300 V DC. typ. 115...230 V AC ±10%
Input current	1 A @ 115 V AC; 0.6 A @ 230 V AC	Inrush Current Limitation	Thermistor

## Output

Output power	360 W	Max. residual ripple	< 50 mVeff
Control at input voltage	0.2%	Connection range	AWG26-12 (0.1-4.0 mm <sup>2</sup> )
Wire connection method	Screw connection	Output voltage type	DC
Battery charging current	2 A	Battery voltage	27.3 V
Output current	max. 15 A / max. 9.0 A for the power supply unit	Mains failure bridge-over time for 115 V AC	24 ms
Mains failure bridge-over time for 230 V AC	190 ms		

## General data

Low Voltage Directive	73/ 23/ EWG	Degree of efficiency at max. load	72%
Weight	950 g	Standards	DIN EN 50178, DIN EN 60950, IEC950
Switching frequency	100 kHz	Protection degree	IP20
Building Width	72.5 mm	Building height	161 mm
Depth of construction	127.5 mm	Status indication	Green LED (full charge): battery voltage > 29.5

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## Technical data

V DC, Yellow LED (low battery): battery voltage < 22 V DC, Yellow LED (charging): BBU is loading battery, Red LED (error): no AC input voltage, Red LED (reversed battery): battery poles are reversed, LED red (battery open): no battery is connected

### Insulation coordination

electrical isolation, output-earth	0.5 kV	electrical isolation, I/O rail	3 kV
electrical isolation, input-output	3 kV	electrical isolation, input-earth	1.5 kV
Humidity at storage temperature	20 to 90%		

### Signalling

Status indication	Green LED (full charge): battery voltage > 29.5 V DC, Yellow LED (low battery): battery voltage < 22 V DC, Yellow LED (charging): BBU is loading battery, Red LED (error): no AC input voltage, Red LED (reversed battery): battery poles are reversed, LED red (battery open): no battery is connected
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### 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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**Electric symbol**

