



General ordering data

Order No.	9916280024
Short text for material	CP-BBU 115-230VAC / 24VDC
EAN	4032248217878
Qty	1

Input

Connection system	Screw connection
Input fuse	2 A slow-blow fuse (internal)
Input voltage	85...265 V AC; 120...300 V DC; typ. 115-230 V AC \pm 10%
Input current	1 A @ 115 V AC; 0.6 A @ 230 V AC
Making current limit	Thermistor
Input frequency	50/ 60 Hz
Overvoltage protection	Varistor
max. connection range	AWG26-12 (0.1-4.0 mm ²)

Output

Mains failure bridge-over time for 115 V AC	24 ms
Battery voltage	27.3 V
Battery charging current	3,00 A
Connection system	Screw connection
Output voltage	24 V DC
Output current	max. 15 A / max 9.0 A for power supply
max. connection range	AWG26-12 (0.1-4.0 mm ²)
Control at input voltage	0.2 %
max. residual ripple	< 50 mV RMS
Mains failure bridge-over time for 230 V AC	190 ms
max. output power	360 W

General data

Weight	950 g
Standards	EN 50178, EN 60950, IEC950
Switching frequency	100 kHz
Degree of efficiency at max. load	72 %
Low Voltage Directive	73/ 23/ EWG
Status indication	LED green (Full Charge): Battery voltage > 29.5 Vdc LED yellow (Battery Low): Battery voltage < 22 Vdc LED yellow (Charging): BBU charges Battery LED red (Fault): no AC input voltage LED red (Batterie Reverse): Battery polarizing fault LED red (Battery open): no battery connected
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
Enclosure	Metal
DIN Rail compatibility	TS 35
Operating temperature	-20 °C...+50 °C
Storage temperature	-20 °C...+85 °C

Insulation coordination

Electrical isolation, output-earth	500 V
Electrical isolation, input-earth	1,5 kV
Electrical isolation, input-output	3 kV
Humidity at storage temperature	20 to 90%
Humidity at operating temperature	20 - 85% RH without condensation
Electrical isolation, I/O rail	3 kV
Ingress protection class	IP 20

Dimensions

Clamping range, min.	0,1 mm ²
Clamping range, max.	4 mm ²
Clamping range, nom.	4 mm ²
Length	161 mm
Height	127,5 mm
Width	72,5 mm

Approvals

Approvals	CSA;UL/UR;CE;
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Classifications

ETIM 2.0	EC001039
ETIM 3.0	EC001039
eClass 4.1	27-24-04-10
eClass 5.0	27-24-22-13
eClass 5.1	27-24-22-13

Related products

Order No.	Short text for material
9916280012	CP-BBU 115-230VAC / 12VDC