

Data sheet

Commercial Art.No.: 81.000.6220.0

UPS Module USV-DC WIPOS UPS 24-30

"The wipos UPS in combination with a battery module and a wipos power supply provides instantaneous protection from input power interruption, input 22,5-28 V DC, Batterie input 19,2-27,6 V DC, load output 22-27,5 V DC / max. 30 A, relay signal output for DC IN, battery discharge and battery fault, W x H x D: 54 x 90 x 115 mm"



Certificates / Approvals



Technical data

General

Connection type	Screw connection
Modular version	Yes
Rail mounting possible	Yes
Housing material	Polycarbonato
Operating temperature min.	-40 °C
Operating temperature max.	71 °C
relative humidity min.	20 %
relative humidity max.	95 %
Storage temperature / transport min.	85 °C
Storage temperature / transport max.	-40 °C
Degree of protection (IP)	IP20
Pollution degree	2

Technical data

Display	LED
ripple and noise	< 0.1 V
cohesive resistance (In-/Output)	360,000h
cooling	free convection
Connector cross section (input)	min. 0,6mm ² (AWG18) max. 6mm ² (AWG8)
Connector cross section (output)	min. 0,6mm ² (AWG18) max. 6mm ² (AWG8)
Wire strip length	8 mm
Permissible torque max.	0.6 Nm
CE-Norm	EN61000-6-3, EN55022 class B, EN61000-6-2, EN55024, EN61204-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-6, EN61000-4-8
Approval cULus	UL 508 Listed, UL60950-1 Recognized

Further terminals	C IN +/- (Input voltage (DC IN)), LOAD +/- (Output voltage weight (LOAD)), BAT +/- (Battery voltage BAT)
battery type	Lead-acid or lead gel battery
Switch to battery	22.5 V
Output protection battery	40A fuse, internal
battery type	4/7/12 Ah
charging current 2-5Ah	0.5 A
charging current 5-10Ah	1 A
charging current > 10Ah	2.5 A
nominal charging voltage min.	26 V
nominal charging voltage max.	27.2 V
quick charging voltage max.	28.5 V
Signal contact BAT DIS (relay switching Output)	closed during battery discharge
Signal contact BAT FAIL (relay switching Output)	closed, if battery check negative
Signal contact DC IN OK	closed, if 22,5 V < VIN < 28 V

Output

Output voltage	24 V
Min. output voltage	22 V
Max. output voltage	27.5 V
Output current	30 A
Output protection battery	40A fuse, internal

Input

Type of voltage (input voltage)	
Input voltage DC min.	22.5 V
Input voltage DC max.	28 V
Input current, max.	35 A
Input current, max.	35 A

Dimensions

Depth	115 mm
Width	54 mm
Height	90 mm
Weight	370 g

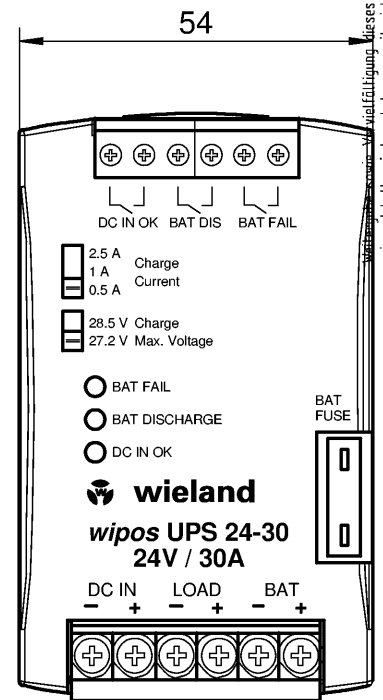
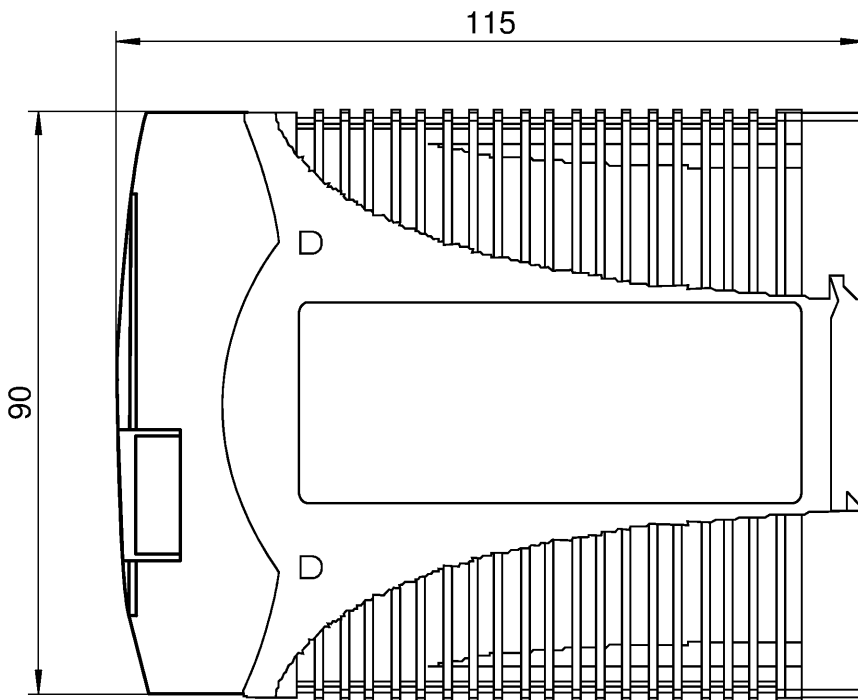
Classification

ECLASS 11	
ECLASS 8.1	27049002
ETIM 7.0	EC002540
ETIM 6.0	EC002540
ETIM 5.0	EC002540

Product compliance

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

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ja/yes ☐ Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance

CAD-Zeichnung, keine manuellen Änderungen
CAD-Drawing, no manual modifications allowed

1. Verwendung:
First Use:

Blatt:
Sheet:

			Werkstoff/ Material	2014	Tag/ Date	Name	Zeichnung Nr./ Drawing No.
				gezeichnet drawn	14.05.	Kötzner	
				Maßstab/Scale	geprüft checked		
					Normgepr. Stand. check		
			Datei/ File: 035501__01K.DCD	Ersatz für/ Replacement for:			
			wieland	Type	Benennung/ Title	Teilespezifikation / Component specification USV-Modul / UPS Modul wipos UPS 24-30	
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Index	Datum/ Blatt Date/ Sheet						
Änderung/ Revision							