STEP-BAT/LI-ION/18.5DC/46WH - Battery module

1081355

https://www.phoenixcontact.com/gb/products/1081355

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Battery module (device with battery), lithium-ion, 18.5 V DC, 46 Wh



Product description

Lithium-ion battery for tool-free installation in the STEP UPS modules. As the STEP UPS uninterruptible power supplies are already supplied with this battery, this item is intended as a spare part.

Your advantages

- Tool-free replacement during operation
- High energy density thanks to lithium-ion technology
- Compatible with 12 V and 24 V STEP UPS

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1081355
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CMUSL9
Product key	CMUSL9
GTIN	4055626809427
Weight per piece (including packing)	333 g
Weight per piece (excluding packing)	293 g
Customs tariff number	85076000
Country of origin	DE

Technical data

Notes

General

Note on the battery	This product contains a battery with a limited shelf life that must be charged every few months. The product packaging indicates when the battery must be started up or recharged. The general shelf life can be found in the technical data area under “Latest startup”. To prevent deep discharge, store and transport the battery module outside of the uninterruptible power supply.

Input data

Input voltage	18.5 V DC

Output data

Balancer circuit, internal	yes
Protective circuit, internal	yes

Energy storage

End-of-charge voltage	21 V DC
Charging current	400 mA
Nominal capacity	2.5 Ah
Battery module service life, cyclically	> 500 (Full cycles)
Latest startup date (battery only)	12 Months (20 °C ... 30 °C)
Battery technology	Lithium-ion
Memory medium	LI-ION, 46 Wh
Number of cells	5
Size designation	Block
Battery pack	yes
IQ technology	no
Suitable for fast charging	no

Product properties

Product type	Battery module
Product family	Battery module (device with battery)
IQ technology	no

Insulation characteristics

Protection class	III
Degree of pollution	2

Dimensions

Width	88 mm
Height	46 mm
Depth	61 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 45 °C
Max. permissible relative humidity (operation)	≤ 95 % (25 °C, non-condensing)

Ex data

Suited for EX-applications	no

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1081355

IECEE CB Scheme
Approval ID: DK-176231-UL

cULus Recognized
Approval ID: MH48963-20211110

EAC
Approval ID: RU S-DE.BL08.W.00764

Classifications

ECLASS

ECLASS-13.0	27050403
ECLASS-15.0	27050403

ETIM

ETIM 10.0	EC003893

UNSPSC

UNSPSC 21.0	26111700

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	df2129b8-5e2f-45bc-bc92-a694c7af8fd6

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk