

Illustration



Technical drawing of the 12V 100Ah battery showing dimensions: 68mm width, 125mm height, and 125mm depth.



URL Webshop	https://shop.murrelektronik.com/85135
GTIN	4048879694483
ECLASS-6.0	27049002
ECLASS-6.1	27049002
ECLASS-7.0	27049002
ECLASS-7.1	27049002
ECLASS-8.0	27049002
ECLASS-8.1	27049002
ECLASS-9.0	27040701
ECLASS-9.1	27040701
ECLASS-10.0.1	27040701
ECLASS-10.1	27040701
ECLASS-11.0	27040701
ECLASS-11.1	27040701

ECLASS-12.0	27040701
ECLASS-13.0	27040701
ECLASS-14.0	27040701
ETIM-5.0	EC002540
ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
customs tariff number	85044083
EAN	4048879694483
Packaging unit	1

Electrical data

Parallel connection	No
Series connection	Yes
Number of devices series connection max.	2

Electrical data | Supply

Power frequency	50 ... 60 Hz
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Electrical data | Input

Nominal input voltage AC	100 V
Input voltage 1 AC min.	90 V
Input voltage 1 AC max.	132 V
Input voltage 2 AC min.	173 V
Input voltage 2 AC max.	264 V
Nominal current AC	4.3 A @ 100 V , 2.1 A @ 240 V
Inrush current max.	18 A @ 230 V
Efficiency	86 % @ 115 V AC 87 % @ 230 V AC
Characteristic back-up fuse	Inertia
Fuse protection primary side internal	5 A

Electrical data | Output

Output voltage adjustable	Yes
Output voltage DC	24 V
Output voltage DC min.	23 V
Output voltage DC max.	28 V
Output current	10 A
Spikes (s-s) max.	50 mV
Ripple effective max.	10 mV

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Overload protection output	Yes
Short-circuit protection output	Yes

Mechanical data | Mounting data

Height	125 mm
Width	68 mm
Depth	125 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	40 °C
Derating from	40 °C
Ambient temperature (storage, transport)	-20 °C
Relative humidity (operation)	20 %
Additional condition relative humidity	no condensation

Conformity	
Product standard	EN IEC 61010-2-201
EMC	EN 61000-3-2
Connection type 2	
Family construction form	terminal
No. of poles	3
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	PE
PIN 2	N
PIN 3	L
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	-
PIN 2	-
PIN 3	+
PIN 4	+