

# LP-STAR emergency lighting power supply in a compact design

## Technical Data

LP-STAR 4-24/IP 54



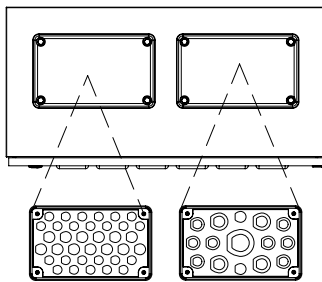
### Input

Rated voltage AC	1 ~ 220-240 V
Rated frequency	50/60 Hz
Max. rated current AC	5,5 A
Rated voltage DC	19.2- 28.8 V
Battery	VRLA, 2 x 6 cells in series, 20 °C

### Output

Rated voltage AC AC	220-240 V AC / 220 V DC konstant
Total current	4.7 A AC / 2.45 A DC
Total power	1080 VA / 540 W
Circuit power	345 VA / 330 W
Rated breaking capacity	1500 A @ 300 V DC
Max. rated current 24 V auxiliary voltage	6 W

Pre-cut cable entries LP-STAR



- 24 x M16
- 13 x M20
- 1 x M50/32
- 4 x M32/20
- 8 x M25/16
- 2 x M20

	LP-STAR 4-12/IP54	LP-STAR 4-24/IP54	LP-STAR-4-36/IP54	LP-STAR-4-48/IP54
Circuits	4	4	4	4
max. battery size (C10; 1,8 V/Z, +20 °C)	2 x 12 V / 12 Ah	4 x 12 V / 12 Ah	6 x 12 V / 12 Ah	8 x 12 V / 12 Ah
Dimensions (W x H x D)	815 x 600 x 300 mm			
Max. ambient temperature	For storage: -20 °C to + 40 °C, For operation*: -5 °C to + 35 °C			
Sound pressure level at mains operation / emergency mode (converter operation)	0 dB / 30 dB			
Housing colour	RAL 7035			
Degree of protection electronic area	IP54			
Degree of protection battery box	IP21			
Degree of protection / insulation calss	I			
Weight (approx.) without battery	17,5 kg			

\* Maximum Design Life Time at +20 °C: 10 years

### Battery

Rated capacity AhK10, 1.8 V/Z, +20 °C	Dimensions of one battery L x W x H (mm)	Number of batteries U <sub>B</sub> = 12 V	Total weight of all batteries (kg)
10 J: 12 Ah	152 x 98 x 102	max. 8 pieces	4 pieces: 15,25 8 pieces: 30,50

LP-STAR 4-48/IP54



## Ordering details

Type	Model	Order No.	Selection
1	LP-STAR 4-12/IP54 LP-STAR 4-12/IP54, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 2 x 12 V / 12 Ah	40071362124	<input type="checkbox"/>
1	LP-STAR 4-24/IP54 LP-STAR 4-24/IP54, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 4 x 12 V / 24 Ah	40071362244	<input type="checkbox"/>
1	LP-STAR 4-36/IP54 LP-STAR 4-36/IP54, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 6 x 12 V / 36 Ah	40071362364	<input type="checkbox"/>
1	LP-STAR 4-48/IP54 LP-STAR 4-48/IP54, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 8 x 12 V / 48 Ah	40071362484	<input type="checkbox"/>

Optional Webmodule LP-STAR, for expansion



## Construction group ordering details

Type	Model	Order No.	Selection
2	Webmodule LP-STAR Module for DIN Rail Mounting, incl. connection line without patch cable RJ45, factory fitted	40071361188	<input type="checkbox"/>
3	Webmodule LP-STAR Module for DIN Rail Mounting, incl. connection line without patch cable RJ45, for expansion	40071361187	<input type="checkbox"/>

## Battery ordering details

Type	Model	Order No.	Selection
4	12 V/12 Ah Battery block, period of use: 10 years Period of use specified for max. battery temperatur of +20 °C	40066071147	<input type="checkbox"/>

## Fuse ordering details

Type	Model	Order No.	Selection
5	Final circuit fuses 2.5 AT / 250 V (packaging unit 10 pieces)	40071361235	<input type="checkbox"/>
6	Mains feed-in circuits 6.3 AT / 250 V (packaging unit 10 pieces)	40071361234	<input type="checkbox"/>

