

LP-STAR emergency lighting power supply in a compact design

Technical Data

LP-STAR 4-24



LP-STAR

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, 2x6 cells in series, 20 °C

Output

Rated voltage 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

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	LP-STAR 4-12	LP-STAR 4-24	LP-STAR-4-36	LP-STAR-4-48
Circuits	4	4	4	4
Max. battery size (C10; 1.8 V/Z, +20 °C)	2 x 12 V / 11 Ah	4 x 12 V / 11 Ah	6 x 12 V / 11 Ah	8 x 12 V / 11 Ah
Dimensions (W x H x D)	260 x 550 x 260 mm		260 x 730 x 260 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 / 50 dB			
Housing colour	RAL 7035			
Degree of protection / insulation class	IP20 / I			
Weight (approx.) without battery	17 kg		21 kg	

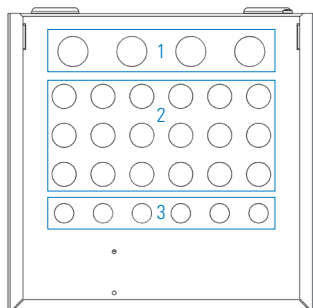
* Maximum Design Lifetime at +20 °C: 10 years

Battery

Rated capacity AhK10, 1.8 V/Z, +20 °C	Dimensions of one battery L x W x H (mm)	Number of batteries U _b = 12 V pieces	Total weight of all batteries (kg)
10 Y: 11 Ah	151 x 98 x 101	max. 8 pieces	4 pieces: 15.25 8 pieces: 30.50

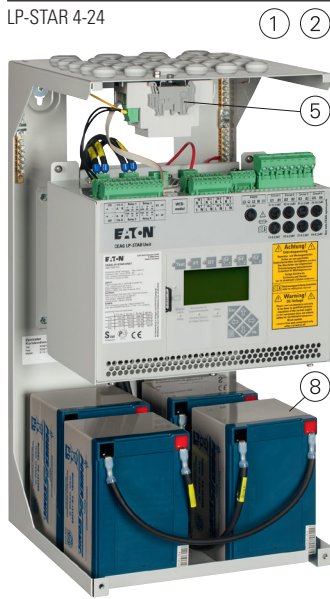
Pre-cut cable entries LP-STAR

11



- 1 = 4 x M25
- 2 = 18 x M20
- 3 = 6 x M16

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Optional Webmodule LP-STAR, for expansion



LP-STAR

Ordering details

Type	Model	Order No.	Selection
1 LP-STAR 4-12	LP-STAR-4-12, incl. control module, 1 charging unit, 4 circuits and battery packs 2 x 12 V / 12 Ah	40071362120	<input type="checkbox"/>
2 LP-STAR 4-24	LP-STAR-4-24, incl. control module, 1 charging unit, 4 circuits and battery packs 4 x 12 V / 24 Ah	40071362240	<input type="checkbox"/>
3 LP-STAR 4-36	LP-STAR-4-36, incl. control module, 1 charging unit, 4 circuits and battery packs 6 x 12 V / 36 Ah	40071362360	<input type="checkbox"/>
4 LP-STAR 4-48	LP-STAR-4-48, incl. control module, 1 charging unit, 4 circuits and battery packs 8 x 12 V / 48 Ah	40071362480	<input type="checkbox"/>

Construction group ordering details

Type	Model	Order No.	Selection
5 Webmodule LP-STAR	Module for DIN Rail Mounting, incl. connection line without patch cable RJ45, factory fitted	40071361450	<input type="checkbox"/>
6 Webmodule LP-STAR	Module for DIN Rail Mounting, incl. connection line without patch cable RJ45, for expansion	40071361449	<input type="checkbox"/>
7 CG-S Bus Interface*	Interface* for connection on CGVision or for MasterSlave operation (Connection of more LP-STAR over the CG-S Bus) Attention: Installation must factory-provided happened	40071071178	<input type="checkbox"/>

* **Attention:** The installation of the CG-S Bus Interface must factory-provided happened. A expansion of the module locally is only possible with exchange of the full CSU module. MasterSlave and CGVision operation isn't possible.

Battery ordering details

Type	Model	Order No.	Selection
8 12V/12 Ah spare part	Battery block, period of use: 10 years Connector: Faston 4,3 mm	40066071147	<input type="checkbox"/>
12V / 11Ah	Battery block, period of use: 10 years Connector: Faston 6,3mm	40066071591	<input type="checkbox"/>

Period of use specified for a max. battery temperature of +20 °C

Fuse ordering details

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

Accessories ordering details

Type	Model	Order No.	Selection
11 Clamping gland set, 28 pieces	4 x M25, 18 x M20, 6 x M16	40071361159	<input type="checkbox"/>