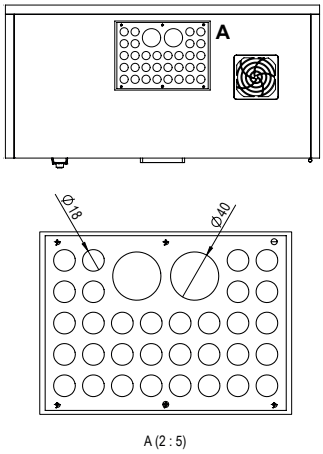
LP-STAR emergency lighting power supply in a compact design

Technical Data

LP-STAR 4-24 / ESF30



Pre-cut cable entries LP-STAR



A (2 : 5)

Number of cable entries:

2 x 40 mm

32 x 18 mm

LP-STAR ESF30

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

	LP-STAR 4-12 / ESF30	LP-STAR 4-24 / ESF30	LP-STAR 4-36 / ESF30	LP-STAR 4-48 / ESF30
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)	1238 x 688 x 335 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	Light grey			
Degree of protection	IP54			
Degree of protection / insulation calss	I			
Weight (approx.) without battery	170 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_B = 12 V	Total weight of all batteries (kg)
10 J: 12 Ah	151 x 98 x 101	max. 8 pieces	4 pieces: 15,25 8 pieces: 30,50



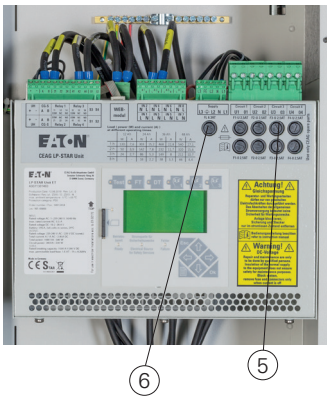
DIBt approval Z-86.2-93 as electrical distribution board (variable equipment) for safety lighting systems with function maintenance of at least 30 minutes in case of fire.

LP-STAR 4-48/ESF30 (1)



Optional Webmodule LP-STAR, for expansion (2)





LP-STAR ESF30

Ordering details

	Type	Model	Order No.	Selection
1	LP-STAR 4-12/ESF30	LP-STAR-4-12/ESF30, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 2 x 12 V / 12 Ah	40071362128	☐
1	LP-STAR 4-24/ESF30	LP-STAR-4-24/ESF30, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 4 x 12 V / 24 Ah	40071362248	☐
1	LP-STAR 4-36/ESF30	LP-STAR-4-36/ESF30, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 6 x 12 V / 36 Ah	40071362368	☐
1	LP-STAR 4-48/ESF30	LP-STAR-4-48/ESF30, incl. control module, 1 charging unit, 4 circuits, CG-S Bus Interface and battery packs 8 x 12 V / 48 Ah	40071362488	☐

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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 or for expansion**	40071361383	☐

Battery ordering details

	Type	Model	Order No.	Selection
4	12 V/12 Ah spare part	Battery block, period of use: 10 years Connector: Faston 4,3 mm	40066071147	☐
	Period of use specified for max. battery temperatur of +20 °C			☐

Fuse ordering details

	Type	Model	Order No.	Selection
5	Final circuit fuses	2.5 AT / 250 V (packaging unit 10 pieces)	40071361235	☐
6	Mains feed-in circuits	6.3 AT / 250 V (packaging unit 10 pieces)	40071361234	☐