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PRODUCT DATA SHEET Hiltru®: F60 BS-FS1 - LION A3 (230V)



Size F60 BS-FS1 - LION A3 (230V)

Article number	100600200
Power supply	230V / 16A
Number of loading positions	12
Charging System	3 shelves with 4-way connector block, fused 13 A
Dimensions outw. W x D x H	1085 x 1085 x 2220/2300 mm
B incl. the E case	1200 mm
Dimensions inw. W x D x H	745 x 745 x 1940 mm
Lockable door (cylinder lock incl. 2 keys/lock)	single, right-hinged
Shelf Equipment	4x PE-coated grid shelf
Shelf W x D x H	600 x 540 x 25 mm
Mesh size shelf	30 x 30 mm
Load capacity shelves	up to 75 kg evenly distributed
Fan	195 m3/230-1-50/60W/0.37A, IP X4/ approx. 35 dB (A)
Emergency pressure hatch with flange 125 mm	1x approx. 200 x 200 x 200 mm
Li-ion particle filter	1x approx. 200 x 200 mm
Li-ion Extinguishing System o.b.v.	1x FP Fire extinguisher cartridge 500-S with activation fire detector
Own weight	approx. 450 kg

Specifications F60 BS-FS1 - LION A3 (230V)

PRODUCT INFORMATION SHEET HILTRA® F60 or F90 BIG SAVER® FS1 & FS2 LION LAAD CONFIGURATION A 3 FOR FIRE-FREE CHARGING LI-ION BATTERIES STORAGE

The Hiltra Big Savers® are prefabricated fire compartments with a fire resistance of 60 minutes (or optionally 90 minutes) in case of a fire load from inside to outside én case of a fire load from outside to inside.

Designed as an independent fire compartment based on the Building Code and the guideline PGS 15: 2016

Version 1.0 and based on the Vision of Burghgraef Van Tiel & Partners Version 1.0 dated 18-02-2019 and Ministerial Circular 34193 dated 01-07-2020.

Applicable within PGS 15/Version 1.1 (Sept. 2016) Regulation 3.29/ all criteria R/RE/EI and EI-1 for doors. The version is specifically adapted for charging lithium-ion batteries and has a passive and active monitoring of the cabinet contents with special dry aerosol extinguishing cartridge for lithium battery fires.

Certification & Fire resistance:

- Fire resistance 60 (or optionally 90) minutes of the Big Savers® determined integrally according to the standard NEN 6069, EN 1634-1/EN 13501-2 (doors). The composite construction has been assessed by the accredited test institute Efectis®.
- Efectis brandwerendheidsrapport: 94-CVB-R1178/2009-Efectis-R0834(Rev.1)/2010-Efectis-R1117-S.
- Dry aerosol extinguishing system KIWA-certified according to KIWA BRL: K-23003/01