

USER GUIDE

REDUNDANCY RACK

PRESENTATION

Redundancy rack including a diode module on heatsink and a customer terminal block.

Redundancy rack will be used to connect two chargers for redundancy mode (not usable to upgrade the power).

GENERAL AND ELECTRICAL SPECIFICATIONS

The customer terminal block is fitted with :

- two inputs (+ and -) : CHARGEUR 1 ($\pm$ UTIL1) et CHARGEUR 2 ($\pm$ UTIL2)
- one output (+ and -) : LOAD

The current must not exceed 40A.

MECHANICAL SPECIFICATIONS

3U rack for 19" cabinet

Front panel colour : RAL 7035 (grey)

Size : W 483 x H 133 x D 395 mm

Total weight : from 6 to 7 Kg,

INSTALLATION

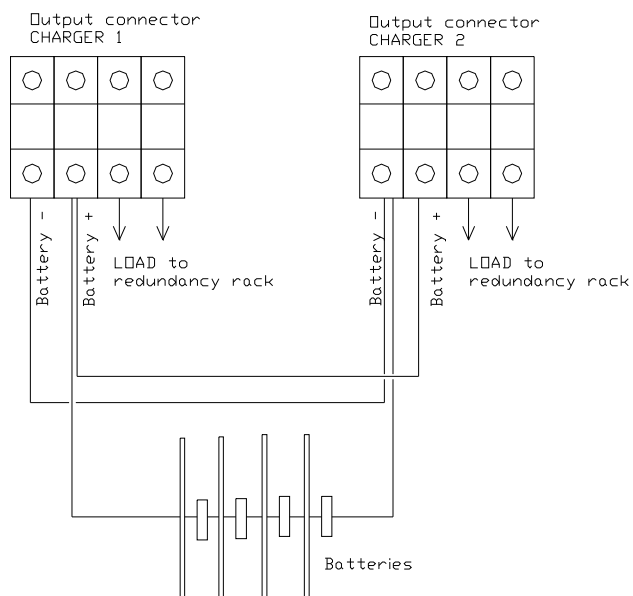
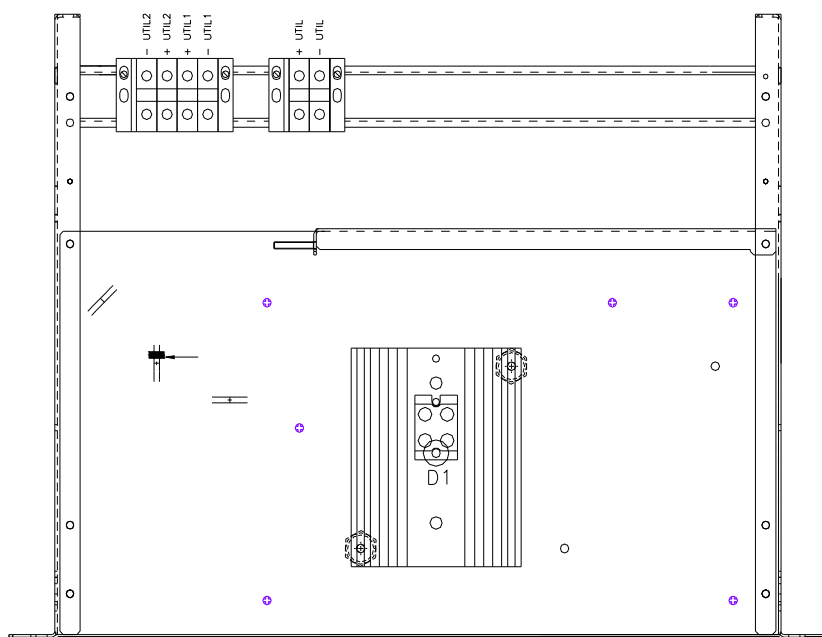
Rack has to be fastened with 4 screws M6 – 16mm.

ADJUSTING (only by entitle technical operator)

- Before cabling, check that chargers are off and batteries are disconnected.
- Connect the first charger to the input CHARGER 1 (red wire on + UTIL1 and black wire on – UTIL1).
- Connect the second charger to the input CHARGER 2 (red wire on + UTIL2 and black wire on – UTIL2).
- Connect the load to the output LOAD (red wire on +UTIL and black wire on –UTIL).

INSTALLATION

Connexion drawing :



Method of connecting of batteries allowing to assure the best balancing of the losses in the battery cables.

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