Transforms a 48V battery into a stabilized and very high efficiency 72V / 21A / 1.5kW generator

- input Vin: 40 to 60V ➔ output Vout: 72V / 21A / 25A peak, with nominal efficiency 98%
- line regulation, load regulation, thermal drift (ΔT° = 50°C): better than 1%
- overload limitation: with automatic hiccup of the output voltage Vout, lowered to the level of Vin, allowing very high starting currents, for example for engines. (optional input fuse oversized depending on the starting current)

**Half-brick** type module

- case temperature: -40°C to +100°C
- ambient temperature: -40°C to +85°C
- thermal resistance of the case: 6°C / W
- thermal protection: lowering of Vout at the level of Vin (automatic rise after cooling)
- protection against moisture, vibrations and shocks: IP67 sealing

**Standard case** 2A (see opposite) equipped with four special screw connectors:
- dimensions: 85 x 64 x 32 mm / weight: 190g
- screwable on a thermally conductive support
- mountable on heatsink type "112"

**Standard heatsink, type "112"** (see below):
- can be mounted on wall, through two holes
- can be mounted on DIN rail, on its back
- can be mounted on DIN rail, on its side

**Standards and particularities:**
- MTBF > 500 000 hours at 30°C
- CE / UL / cUL 60950-1 marking
- RoHS

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**Examples of mounting**

1. **Example of mounting with external diode 80V / 150A**, allowing a starting current >> nominal current
2. **Example of mounting with external diode 80V / 150A**, allowing a starting current >> nominal current

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**Specifications**

- **Dimensions**: 61 x 58 x 37 mm
- **Weight**: 700g
- **Thermal resistance**: 1.5°C / W
- **DIN rail mounting**:
  - either at the back (112 x 120)
  - or on the side (112 x 37)
- **Wall mounting**:
  - two holes Ø 4.5mm; vertical center distance: 90mm

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**Contact Information**

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