



## ULTRACAP CHARGE CONTROLLER 410 V / 3.0 A

Application: Renewable energies

- Wide-range input 3 x 340 – 550 VAC
- Input current max. 3.8 A
- Nominal frequency 45 to 65 Hz
- Output voltage range 335 - 410 VDC adjustable in 5 V increments using rotary switch
- Output power max. 1.3 KW
- Degree of efficiency 95% max.
- Safety in accordance with VDE 0805 / EN 60950 / IEC 950
- Degree of protection IP 20
- Protection class I
- Temperature range -30°C to +70°C
- External enable via relay contact (remote enable)
- Various status messages; no-load, charging operation, trickle charging
- Interface 4 – 20 mA, Output voltage „U<sub>out</sub>“
- Battery test cycle 10 sec., duration 150 ms



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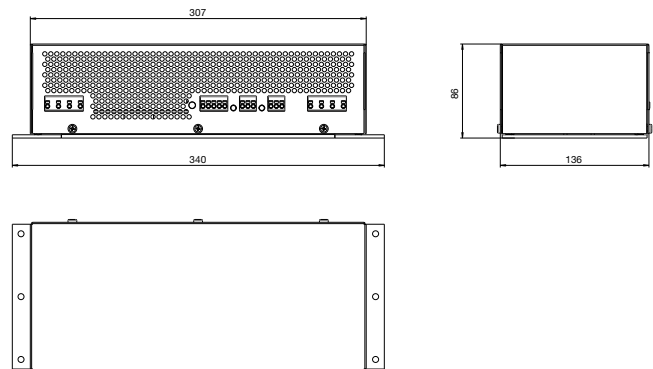
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| Technical data                 |  |
|--------------------------------|--|
| <b>Input</b>                   |  |
| Nominal voltage                | 3 x 400 VAC, 45 – 65 Hz without switchover |
| Input voltage range            | 3 x 340 VAC – 550 VAC                      |
| Input current                  | max. 3.8 A                                 |
| Degree of efficiency           | 95% max.                                   |
| Safety                         | VDE 0805 / EN 60950 / IEC 950              |
| Protection class               | Class I                                    |
| Degree of protection           | IP 20                                      |
| <b>Output</b>                  |  |
| Output voltage                 | 335 – 410 VDC ± 1%                         |
| Adjustable using rotary switch | 5 V increments                             |
| Output power                   | max. 1.3 KW                                |
| Current limit                  | Constant current 3.0 A                     |
| Temperature limiting           | Charging current limited to 1.5 A          |
| Battery test                   | Cycle 10 sec / Duration 150 ms             |
| Degree of efficiency           | 95% max.                                   |
| Temperature range              | -30 – 70°C with free convection            |
| Relative humidity              | 95% non-condensing                         |

| Dimensions [mm] |                |
|-----------------|----------------|
| W x D x H       | 307 x 86 x 136 |



| Order data      |                                 |
|-----------------|---------------------------------|
| <b>Part no.</b> | <b>Order text</b>               |
| 149501-81002    | Charge controller 410 V / 3.0 A |