



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_{out}“
- Battery test cycle 10 sec., duration 150 ms



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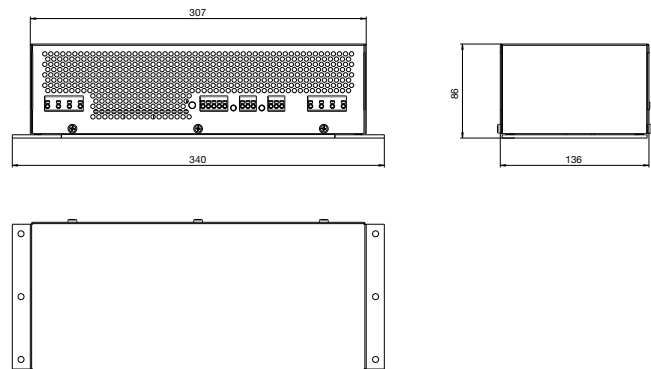
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- Various status messages; no-load, charging operation, trickle charging
- Interface 4 – 20 mA „U_{Out}“
- Battery test cycle 10 sec, duration 150 ms



Technical data	
Input	
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
Output	
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	
Part no.	Order text
149501-81002	Charge controller 410 V / 3.0 A