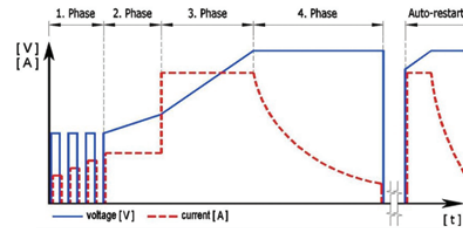


PRO-ACTIVE 300 BATTERY CHARGER

A robust IP20 battery charger for LiFePO4 batteries that is fan cooled and designed to optimally charge to guarantee the greatest possible charge cycles. The Pro-Active 300 charger is reliable and fitted with protection against short circuit, reverse polarity, over temperature or overload.



| | 1. Phase (Pulsing) | 2. Phase (CC1) | 3. Phase (CC2) | 4. Phase (CV) | Auto Restart |
|----------------------------------|---------------------------|---|--|--------------------------------|--|
| | Auto Wake-up | Soft-start | Constant Current | Constant Voltage | At a pre-set number of days or voltage level |
| Charge Voltage max. | Nominal Voltage | ~70% Nominal Voltage | Nominal Voltage | Nominal Voltage | |
| Charge Current max. | 50% I_{max} | 50% I_{max} | I_{max} | I_{max} | |
| Charge Current min. | 25% I_{max} | 25% I_{max} | 50% I_{max} | 10% I_{max} | |
| Trigger Criterion for next Phase | E.g 3.0V/cell (10 cycles) | E.g $U_{bat} \geq 2.5$ /cell / timer 4h | E.g $U_{bat} \geq U_{max}$ / timer 20h | E.g $I_b < I_{min}$ / timer 8h | |

Main Features

- Highly efficient >92% @230V
- Output 25.6V 10A 300W
- Ripple <1%
- Back Current <1mA
- Input voltage 100-240V 50/60Hz
- Operating temperature of -20°C to +40°C
- Protection class 1
- Rated IP20
- Load dependent cooling fan
- Microprocessor based 4 step charging technology with soft start and automatic re-start of the charge cycle
- LED indicators showing corresponding charge status and errors indicator
- Country specific power cord & plug
- Battery 'wake up' function by sending out programmed 'wake up' pulses
- Protection against short circuit, reverse polarity, over temperature or overload
- Optimal and gentle charging for the greatest possibility of charge cycles guaranteed with high frequent combinatorial circuit technology

Optional Features Include:

- Customer specific output and input connectors can be supplied and fitted

SPECIFICATIONS

| OUTPUT | DIMENSIONS L x W x H (mm) | WEIGHT (Kg) |
|-----------|---------------------------|-------------|
| 25.6V 10A | 210 x 110 x 42 | 0.8 |

