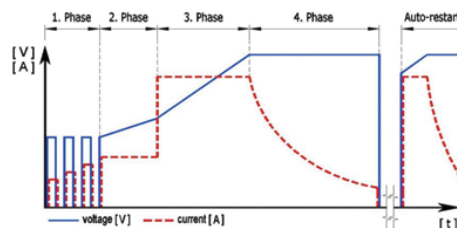


## PRO-ACTIVE 300 BATTERY CHARGER

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 12.8V 20A 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)
12.8V 20A	180 x 110 x 42	4

