



BATTERY CHARGERS

CHARGERS FOR STARTER BATTERIES



INTELLIGENT BATTERY CHARGER

Switching Power Charger includes most advanced charging technology and lead this charger into next level.



BAT/44459

FEATURES

- CE version: 220V - 240V
- Automatic charge condition monitoring
- 8 bit LED status indicator & dip switch panel
- Reversed polarity prevention & Battery condition detect
- Battery plate desulfates / re-conditions assist technology
- Over temperature / Over current / Reverse connect protection

6-12-24 VOLT
FOR OPEN LEAD - AGM
- GEL & DEEP CYCLE
BATTERIES

NEW FUNCTIONS

- Memory
- Car charger Lithium + LiFePO4 battery

Input power (V)	Charge Rate (A)	Battery type	Product Dim.	Weight (CTN)
6/12/24V	6-12V-20A, 10A, 2A 24V-10A, 5A, 2A	Reg/AGM/ (12V)Deep cycle/(6/12V)GEL	24.6 x 14.6 x 12.1 cm	NW: 9.6 kgs

SMART BATTERY CHARGERS

Use our energy source if you have start difficulties due to insufficient battery capacity in the vehicle battery or use it as charger for 12V/24V lead-acid (starter)batteries. Due to its wheels and hand-grips the battery chargers are very easy transportable.

The battery charger Boosters are professional battery chargers for charging and fast-charging the 12V & 24V lead-acid batteries.



Model	BAT/45680	BAT/45681	BAT/45682	BAT/45683
Input Voltage (V)	230	230	230	230
Charge Voltage (V)	12/24	12/24	12/24	12/24
Effective Charging Current (A)	10A	12A	16A	25A
Effective Charging Boost (A)	14A	16A	20A	30A
Class of Insulation	H	H	H	H
Rated charging Current (A)	8.0/5.0	12.0/8.0	20	30
Max rated reference capacity (Ah)	120	200	250	320
Min rated reference capacity (Ah)	25	60	92	120
Weight (kg)	7.2	7.4	9.5	11.5
External Dimension (cm)	26x23x19.7	26x23x19.7	28.5x23x21	30.5x29x21.5

Model	BAT/45684	BAT/45685	Bat/46866
Input Model (V)	230	230	230
Max Charging current (A)	150	200	250
Charging Voltage (V)	12/24	12/24	12/24
Charge Current	5A/10A/20A/30A	5A/15A/30/40A	10A/20A/35A/50A
Max reference capacity (Ah)	400Ah	450Ah	550Ah
Battery type	WET/MF/EFB/GEL/AGM	WET/MF/EFB/GEL/AGM	WET/MF/EFB/GEL/AGM
Weight (kg)	17	17	17
Dimension (cm)	36,7x32,9x66,1	36,7x32,9x66,2	36,7x32,9x66,3

HIGH FREQUENCY CHARGERS

AQ-TRON®

INVERTER/CHARGER COMBINATION



The inverter charger combination is designed for off grid and power back up applications providing True Sine Wave Inverter, Battery Charger, AC transfer switch and Power Management in one unit. It can be connected to either grid or generator to compose power system for the most demanding applications.

PURE SINE WAVE INVERTER

- Distortion free sine wave AC power for household appliance and sensitive electronics without worry, such as TV, stereo, laptop. Or, make your appliances work smoother, cooler and more efficient, such as fridge, power tools and microwave.
- Provided with outstanding peak power in together with super fast protection make it suitable heavy inductive load.
- High efficiency gets most out of your reserved energy.
- Low consumption power could effectively save the precious energy.
- Adjustable low voltage disconnect level suitable for various applications.

SOPHISTICATED BATTERY CHARGER

- Powerful charger with multi stages charging algorithm.
- Generator mode make it suitable to work with various kinds of generator.
- Power factor corrected battery charging.
- Charger power adjustable.
- Temperature compensated charging.
- Various battery types: AGM, GEL, Open-Lead-Acid.

AUTOMATIC TRANSFER SWITCH

- In even grid failure, the output will switch to inverter automatically and take over the power supply to the load without interruption.

POWER MANAGEMENT

- Starting generator when battery voltage runs low.
- Along with battery running low, it could supply various signals for customer to have a smart load management.

Model	BAT/44911	BAT/44912	BAT/44913	BAT/44914	BAT/44915
Nominal DC voltage	12 Volt				
Inverter continuous power (W at 25°C)	600	1000	1500	2000	3000
Charger max current (A)	25	40	60	80	120
De-sulphation	15.5V for 30 mins				
Circuit breaker - charger (A)	5	10	10	15	30
Circuit breaker - output (a)	5	10	10	15	30
Size	457 x 190 x 130		557 x 220 x 180		720x220x180
Weight (kgs)	9.5	10.5	18	20	28

Model	BAT/44916	BAT/44917	BAT/44918	BAT/44919	BAT/44920	BAT/44921	BAT/44922
Nominal DC voltage	24 Volt						
Inverter continuous power (W at 25°C)	600	1000	1500	2000	3000	4000	5000
Charger max current (A)	15	20	30	40	60	80	100
De-sulphation	31V for 30 mins						
Circuit breaker - charger (A)	5	10	10	15	30	30	30
Circuit breaker - output (a)	5	10	10	15	30	30	30
Size	457 x 190 x 130		557 x 220 x 180			720 x 220 x 180	
Weight (kgs)	9.5	10.5	18	20	24.5	34.5	38

Model	BAT/44923	BAT/44924	BAT/44925	BAT/44926	BAT/44927
Nominal DC voltage	48 Volt				
Inverter continuous power (W at 25°C)	2000	3000	4000	5000	6000
Charger max current (A)	20	30	40	50	60
De-sulphation	62V for 30 mins				
Circuit breaker - charger (A)	15	30	30	30	40
Circuit breaker - output (a)	15	30	30	30	40
Size	457 x 190 x 130		557 x 220 x 180		720x220x180
Weight (kgs)	18.5	22.5	34.5	38	42