



NORDIC POWER
I STRÖMSTAD AB



Specifications: 3-Step Battery Charger

Model		AT1206	AT2404	AT1210	AT2407
Input	Voltage	AC100V~240V			
	Frequency	47-63HZ			
Output	Equalizer Charge	14.7V +/- 0.2V	29.4V +/- 0.2V	14.7V +/- 0.2V	29.4V +/- 0.2V
	Floating Charge	13.6V +/- 0.2V	27.2V +/- 0.2V	13.6V +/- 0.2V	27.2V +/- 0.2V
	Current	6A (Max.)	4A (Max.)	10A (Max.)	7A (Max.)
	Wattage	85W (Max.)	115W (Max.)	145W (Max.)	200W (Max.)
	Efficiency	>87%(at Full Load)			
Protection	Battery Reverse	Yes	Yes	Yes	Yes
	Short-circuit	Yes	Yes	Yes	Yes
	Overload	Yes	Yes	Yes	Yes
	Cooling Fan	No	No	Yes	Yes
	Temperature	Yes	Yes	No	No
Indication	LED	Red: Power On; Green: Floating Charge; Yellow: Equalizer Charge			
	*LCD	No		Option	
	*METER	Option		No	
Mechanical	Dimensions	70 (W) x 48 (H) x 155 (D) mm		103 (W) x 50 (H) x 167 (D) mm	
	Weight	0.5Kgs		0.9Kgs	
O/P Wire	Two types of clamps to choose from	DC alligator clips or microphone connectors for electric bike (S)			

Remark 1. Meter: DC current meter

2. LCD: NORMAL: Floating charge, CHARG'G: Charging, BATTERY, Equalizer charge and Battery level

Features :

1. Short-circuit protection: Charger O/P cuts off automatically when short circuited.
2. Overload Protection: Charger O/P automatically limits the current when overloaded.
3. Reverse Polarity Protection: Charger O/P cuts off automatically when battery clamps reversed.
4. Automatic multi-rate charge: Equalizer Charge(charge quickly when battery low) and Floating Charge(charge slowly when battery high)
5. Unique LCD Display (1210/2407 only) or Meter Display (1206/2404 only)
6. Indicator lights: Red (Power On), Green (Floating charge) and Yellow (Equalizer charge)
7. Wide Input Voltage Range: AC I/P voltage range from 100 to 240 volts AC.
8. Advanced SMD Technology: Reliable and Elegant.
9. Stylish Aluminum Housing: Strong and efficiently disperses heat.

How to operate:

1. Connect the charger to a wall socket strongly.
2. Connect the alligator clips to battery terminals (red clip→positive ; black clip→negative)
3. Turn on the power switch which is located on the front panel of the charger. The red light will confirm the stage of operation and the LCD display will confirm both the stage of operation and the battery level.

Please note

1. Charger-Series designed for only charging Lead-Acid batteries and Nickel-Metal Hydride batteries. It cannot be used alone as a DC power supply.
2. 1206/1210 is designed for 12V batteries only. 2404/2407 is designed for 24V batteries only.
3. If the battery has been charging for a long time but the indicator light is still red, the battery may be damaged
4. Always place the charger in a well ventilated and dry environment..
5. The charger was designed with a aluminum housing to efficiently disperse heat. Please avoid touching the case because the temperature will be about 50°C while in use.