



**INTELLIGENT  
BATTERY CHARGER**



YBC1210

- Safe and simple to use
- Fast recovery time

## **BEST CHOICE FOR BATTERY LIFE AND PERFORMANCE**

The **MATSON INTELLIGENT BATTERY CHARGER** is specifically designed to produce maximum battery performance and life. Recharge voltage is set to ensure full charge is reached, sulphation on the plates are removed and the electrolyte is mixed with mild gassing.

The **MATSON INTELLIGENT BATTERY CHARGER** provides a bulk charge rate (depending on the rated charger, 10 or 20 amps), until the battery voltage reaches 14.5-14.7 volts at which time the current begins to taper down.

Approximately 6 hours later (known as absorb charge) the **MATSON INTELLIGENT BATTERY CHARGER** switches completely off and continues to monitor the state of charge of the battery, turning back on once the terminal voltage decays to a predetermined level of 12.4-12.5 volts. For the 24 volt version the voltages are twice that of the 12 volt.

**INTELLIGENT  
BATTERY CHARGER**





### FEATURES AND BENEFITS

- Charges a wide range of 12v Batteries
- For 10 amp charger 18 amp/hr - 250 amp/hr
- For 20 amp charger 40 amp/hr - 500 amp/hr
- Suitable for flooded and sealed type batteries
- Switches completely off when battery is charged (improving battery life)
- Switches back on when state of charge drops to pre-set level (80%)
- Suits wide variety of applications
- LED status Indicator
- Built in ammeter displaying charging current
- Short circuit and polarity protection
- CE electrical standards approval
- Heavy duty case with carry handle

### CHARGER APPLICATIONS

- Automotive Engine Starting
- Commercial Engine Starting
- Solar Applications
- Marine Engine Starting
- Marine House Bank
- Deep Cycle
- Standby Applications
- Recreation Vehicles
- Mobility equipment

| PART NO. | VOLTAGE | CHARGE VOLTAGE | BULK CHARGE | ABSORB CHARGE |
|----------|---------|----------------|-------------|---------------|
| YBC12-10 | 12 volt | 14.5v-14.7v    | 10 amp      | 6 hours       |
| YBC12-20 | 12 volt | 14.5v-14.7v    | 20 amp      | 6 hours       |
| YBC24-10 | 24 volt | 29.0v-29.4v    | 10 amp      | 6 hours       |

Refer to MATSON AUTOMOTIVE INDUSTRIES PTY LTD for advice when an inverter is used and where a constant extended load is being applied.

Matson Automotive Industries Pty Ltd  
100 Links Road, St. Marys, N.S.W. 2760 Australia  
Tel: (02) 9833 3444 Fax: (02) 9833 3500

DISTRIBUTED & GUARANTEED BY



PRODUCT MADE IN CHINA