

4 Stage Battery Charger Adaptive to Each Battery Technology



Features

- Lightweight charger that offers charging patterns which are perfectly adapted to each battery technology (liquid electrolyte, gel electrolyte, lead calcium, etc.)
- Efficiency > 86%
- Output voltage $U_{bat} \pm 1\%$; output current $I_{bat} \pm 5\%$
- Charging curve selection by rotate switch for 5 different batteries types
- Fitted with a PFC ($\cos=1$)
- The 4-state charging characteristic, used on boats everywhere, saves on charging time
- Optional Sensor used to balance charging voltage according to temperature gaps ($-30mV/^{\circ}C/12V$)
- Management and control by microprocessor
- Working temperature: $-10^{\circ}C$ to $+50^{\circ}C$
- Electronic protection feature to protect battery
- IP 20

Specifications

Output: 12V

| Model No. | ADC-20X-122 | ADC-60X-122 |
|--------------------------|---|----------------|
| Input Voltage | Input voltage 230V ~ +10%/-15% | |
| Output Voltage | 12V | |
| Charging Capacity | 20A | 60A |
| Frequency | 50Hz/60Hz | |
| Output Patterns | 1 or 3 | |
| Input Voltage U bat | +/-2% | |
| Output Current I bat | +/-10% | |
| Charging Curve Type | 4 states IUU type (Bulk , Absorption , Floating , Equalize Charge) | |
| Charging Curve Selection | By SWITCH for 5 different battery types: Standard lead acid unsealed, Sealed lead acid (Gel Cell), Lead calcium (standard charge / deep discharge), User define | |
| Working Temperature | $-10^{\circ}C \sim +50^{\circ}C$ | |
| Storage Temperature | $-20^{\circ}C \sim +70^{\circ}C$ | |
| Protection Feature | Against output short-circuit, battery discharge in the event of mains failure, mains input overload, battery polarity inversion | |
| Protection Options | Battery or charger overtemperature (Battery Temperature Sensor) | |
| Dimensions (mm) | 70 x 200 x 310 | 80 x 250 x 400 |
| Weight (kgs) | 3 | 6 |

Output: 24V

| Model No. | ADC-15X-242 | ADC-50X-242 |
|--------------------------|--|----------------|
| Input Voltage | Input voltage 230V ~ +10%/-15% | |
| Output Voltage | 24V | |
| Charging Capacity | 15A | 50A |
| Frequency | 50Hz/60Hz | |
| Output Patterns | 1 or 3 | |
| Input Voltage U bat | +/-2% | |
| Output Current I bat | +/-10% | |
| Charging Curve Type | 4 states IUU type (Bulk , Absorption , Floating , Equalize Charge) | |
| Charging Curve Selection | By SWITCH for 5 different battery types: Standard lead acid unsealed, Sealed lead acid (Gel Cell), Lead calcium (standard charge / deep discharge), User define | |
| Working Temperature | $-10^{\circ}C \sim +50^{\circ}C$ | |
| Storage Temperature | $-20^{\circ}C \sim +70^{\circ}C$ | |
| Protection Feature | Against output short-circuit, battery discharge in the event of mains failure, mains input overload, battery polarity inversion | |
| Protection Options | Battery or charger overtemperature (Battery Temperature Sensor) | |
| Dimensions (mm) | 70 x 200 x 310 | 80 x 250 x 400 |
| Weight (kgs) | 3 | 6 |