



BACM2406

BACM2406 series battery charger is intelligent and multi-function which is specially designed for meet the charging characteristics of the lead-acid engine starter batteries. BACM2406 battery chargers are divided into 2 types according to the battery voltage: BACM2406 (suitable for 24V) . Both of their maximum charge current are 6A.

Product Code : 6070014

Power Supply : (100~240)V

Case Dimensions : 145.5*131*55(mm)

Operating Temp. : (-30~+55)°C

Weight : 0.9kg

COMPLETE DESCRIPTION

BACM2406 series battery charger is intelligent and multi-function which is specially designed for meet the charging characteristics of the lead-acid engine starter batteries. BACM2406 battery chargers are divided into 2 types according to the battery voltage: BACM2406 (suitable for 24V). Both of their maximum charge current are 6A.

PERFORMANCE AND CHARACTERISTICS

1. Switch power supply structure, wide input AC voltage range, small size, light weight, high efficiency rate;
2. Users can select automatic two-stage charging process or automatic three-stage charging process as needed. Both the two charging process are carried out according to storage battery charging characteristics to prevent overcharging and significantly prolong battery lifetime;
3. Built-in PFC circuit can calibrate the power factor above 0.99;
4. Built-in current protective circuit for over current protection, short-circuit protection and reverse connection protection. The output will be recovery automatically after the failure is removed.
5. Battery voltage detection ports can detect the battery voltage in real time.
6. Battery low voltage output port; It will output low level immediately after the battery voltage has fallen below the set value for preset delay.
7. Temperature sensor port allows for monitoring the battery temperature in real time and temperature compensation function which can prevent the battery temperature is too high effectively.
8. Mains failure port; It will output low level immediately when the AC input is interrupted.
9. Standard RS485 communication port.
10. BACM2406 charger is suitable for 24V battery; rated current: 6A;
11. LED display: Full charged indication (Green light) and charging indication (Red light).

PARAMETER LIST

Function Item	Parameter
Battery Voltage	24V
Max. Charging Current	6A
Rated Input Voltage	(100~240)V
Max. Input Voltage Range	(90~280)V
AC Input Frequency	(50/60)Hz
Max. Input Current	3A
No-Load Power Consumption	<3W
Power Factor Compensation	●
Operating Mode	Two&Three segments
Temp. Compensation	●
Communication	RS485

Function Item	Parameter
Auxiliary Input	•
Maximum Efficiency	89%
Operating Temp.	(-30~+55)°C
Storage Temp.	(-40~+85)°C
Net Weight(kg)	0.9
Case Dimensions(mm)	145.5*131*55

Application

