



BACM2410

BACM2410 battery charger is intelligent and multi-function which is specially designed for meet the charging characteristics of the lead-acid engine starter batteries. Suitable for 24V battery and the maximum charge current is 10A.

Product Code : 6070015
Power Supply : AC(100~240)V
Case Dimensions : 205.5*131*55(mm)
Operating Temp. : (-30~+55)°C
Weight : 1.17kg

COMPLETE DESCRIPTION

BACM2410 battery charger is intelligent and multi-function which is specially designed for meet the charging characteristics of the lead-acid engine starter batteries. Suitable for 24V battery and the maximum charge current is 10A.

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. BACM2410 charger is suitable for 24V battery; Rated current: 10A.
11. LED display: Full charged indication (Green light) and charging indication (Red light).

PARAMETER LIST

Function Item	Parameter
Battery Voltage	24V
Max. Charging Current	10A
Rated Input Voltage	(100~240)V
Max. Input Voltage Range	(90~280)V
AC Input Frequency	(50/60)Hz
Max. Input Current	4A
No-Load Power Consumption	<5W
Power Factor Compensation	●
Operating Mode	Two&Three segments
Temp. Compensation	●
Communication	RS485
Auxiliary Input	●
Maximum Efficiency	91%

Function Item	Parameter
Operating Temp.	(-30~+55)°C
Storage Temp.	(-40~+85)°C
Net Weight(kg)	1.17
Case Dimensions(mm)	205.5*131*55

Application

