

Product Model

产品型号 >>>

EayPower EPC4818 Industrial Car Battery Charger

EPC series charger is a highly reliable and cost-effective charger, which can match lead-acid (FLOOD, AGM, gel) batteries and lithium-ion batteries, and can be assembled on-board and off-board fixed mode, with CAN BUS, and customized charging curve according to customer needs. Increasing the USB data memory function, users can update the upgrade programme, change the charging curve, download the charging record and other functions with a USB disk through the USB port. Applications includes: scissor lifts, golf cars, sightseeing cars, cleaning equipment, etc.



Models 48V18A



High Reliability

Engineering design based, each set has been strictly tested, waterproof grade up to Ip66.



Anti-Burst

The whole system is equipped with high and low voltage protection function as standard, the minimum protection voltage can be up to 80V, the maximum protection voltage can be up to 420V (charging voltage range 85-265V).



CAN BUS Communication

CAN BUS communication, it can be seamlessly integrated with control system, to achieve data transmission and control.



Customization Curve

The charging curve of batteries can be customized according to the customer's requirements, in order to achieve best matching requirements.



Digital Display

View charging status on the LED display, and easily change charging curve with the push-button.



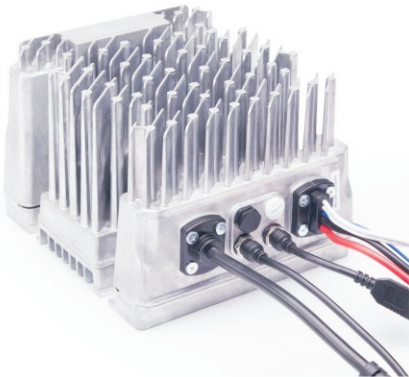
USB Data Memory Function

Users can update the upgrade programme, change the charging curve, download the charging record and other functions with a USB disk through the USB port.



Product Parameters

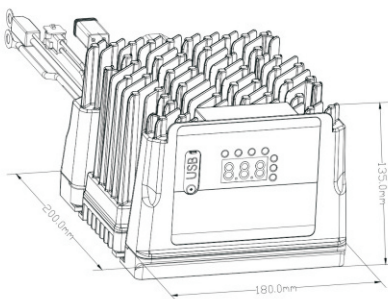
产品参数 >>



Product Characteristics

- ➔ CAN BUS, charger can transmit the working parameters to the control system via CAN BUS.
- ➔ With the repair mode curve, switch curve through the button on charger.
- ➔ Digital indicator: It can display the AC voltage, battery voltage, charging current, and charging capacity.
- ➔ Anti-burst protection: It can be in protection of up to 420V AC voltage without damage.
- ➔ USB Data Memory Function: Users can update the upgrade programme, change the charging curve, download the charging record and other functions with a USB disk through the USB port.
- ➔ Ip66 protection.

Dimension



EPC4818 Specifications:

DC Output	48V18A
Maximum DC Output Voltage	68V
Maximum DC Output Current	20A
Maximum Output Power	950W
Minimum Starting Voltage	3V
Maximum Locking Current	15A
Applicable Battery Type	Lead acid (flood, AGM, GEL), Lithium ion
Reverse Polarity Protection	YES
Short Circuit Protection	YES
CAB Communication	YES
Voice Reminder	Optional

AC Input	
AC Input Voltage Range	85V-265V
Nominal AC Input Voltage	100-240VAC
Nominal AC Input Frequency	50/60Hz
Maximum AC Input Current	12A
Power Factor	> 0.99 under heavy load

Regulatory	
Efficiency	MAX 94%
Safety	CE , CB , ETL

Mechanical	
Dimensions	200*180*135 mm
Weight	4.7KG
AC Input Connector	IEC320-C14
DC Output Connector	M8 red and black wire with ears
Cooling	Natural heat dissipation

Environmental	
Operating Temperature	-30°C~+65°C (the power will be reduced if the internal temperature of the machine is too high)
Storage Temperature	-40°C~+70°C