



EAY POWER

# Product Model

产品型号 >>>

## EayPower EPC 602 Series Industrial Car Battery Charger

EPC602 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. Highest voltage protection is 420V. Applications includes : scissor lifts, golf cars, sightseeing cars, cleaning equipment, etc.



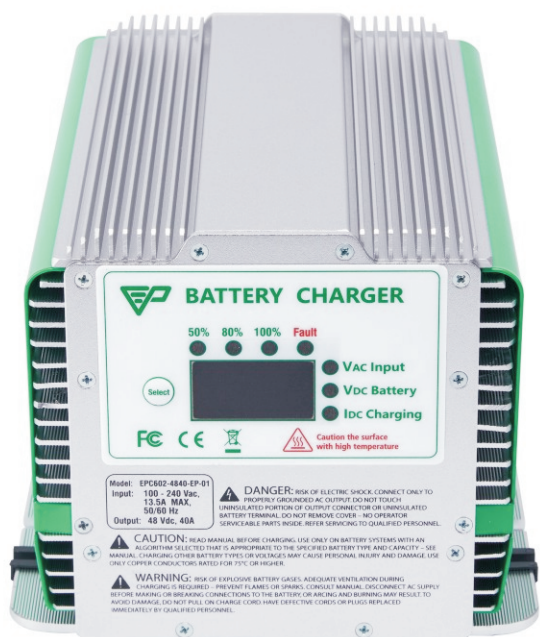
### Available Models

48V40A

72V28A

36V50A

24V60A



#### High Reliability

Industrial-grade standard design, each unit has undergone rigorous testing, waterproof rating up to IP66, can be worked in the worst conditions.



#### Anti-Burst

The whole series is equipped with high and low voltage protection. The minimum protection voltage can reach to 80V, and the maximum protection voltage can reach to 420V (charging voltage range 85-265V).



#### CAN BUS Communication

CAN BUS communication function, you can switch the charging curve and view the machine parameters through the background, through the CAN BUS can be seamlessly connected with the control system to achieve data transmission and control.



#### Customization Curve+ External display

The charging curve of batteries can be customized according to the customer's requirements, in order to achieve best matching requirements, and a variety of display modes can be connected to the external display light line.



# Product Parameters

产品参数 >>



## EPC602 Series Specifications:

DC Output	48V40A	72V28A	36V50A	24V60A
Maximum DC Output Voltage	68VDC	102VDC	51VDC	34VDC
Maximum DC Output Current	40A	28A	50A	60A
Maximum Output Power	2000W	2000W	2000W	1500W
Minimum Starting Voltage	6VDC	9VDC	4.5VDC	3VDC
Maximum Locking Current	15A			
Applicable Battery Type	Lead acid (flood, AGM, GEL), Lithium ion			
Reverse Polarity Protection	YES			
Short Circuit Protection	YES			
CAN Communication	YES			

AC Input	
AC Input Voltage Range	85V-265V
Nominal AC Input Voltage	100-240VAC
Nominal AC Input Frequency	50/60Hz
Maximum AC Input Current	13.5A
Power Factor	> 0.98 under heavy load

Regulatory	
Efficiency	MAX 94%
Safety	CE , CB , ETL

Mechanical	
Dimensions	266*180*146 mm
Weight	5.8KG
AC Input Connector	IEC320-C14
DC Output Connector	M8 red and black wire with ears
Cooling	Air cooling
External Indicator Cable	Three green one red , bi-colour light

Environmental	
Enclosure	IP66
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

## Product Characteristics

- ➔ CAN BUS, The charger can transmit the working parameters to the control system through 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.

## Dimension

