

Car Charger

0-25 Watts Series Car Charger

Model No.: CC-004

*First
Victory*

First Victory Industrial



IMAGE

Product Feature:

- Constant output voltage
- Light, and compact design
- On-line LED power indicator
- Extra safe design, all with their respective safety approvals
- High efficiency circuitry that generates little heat and Does not need heat sinking
- Configuration perfect regulated power source for use in charging cell lithium ion and NiMH batteries
- Car Charger, fixed frequency chip circuit ,Ensures stable,long-lasting output required by today's mobile electronics, such as mobile phones,PDA's,Digital cameras,CD/MP3/MP4/PMP Players,GPRS, and possesses USB electrify joint electric appliances usage.
- Built-in EMI filter

Protection:

- Short circuit protection
- Over voltage protection
- Over current protection
- Thermal shutdown capability

Emissions:

- FCC Part15 Class B
- CE EN55022:2006
- CE EN55024:1998+A1:2000+A2:2003

Electrical Specifications:(Absolute Maxium Rating)

Description	Symbol	Min	Typ	Max	Units	Comment
Input						
Voltage	V_{in}	7	12/24	26	V_{DC}	
Efficiency	η		85		%	
Inrush Current	I		5.0		A	Max
Environmental						
Operating Temperature	T	0	/	40	$^{\circ}C$	Free convection, Sea level
Non-operating Temperature	T	-20	/	80	$^{\circ}C$	Free convection, Sea level
Operating humidity	T	10	/	90	%RH	Non condensing
Non-operating Humidity	T	10	/	90	%RH	Non condensing

First Victory Industrial Company Limited

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Typical model list:

INPUT CONDITION		DC OUTPUT VOLTAGE	DC OUTPUT CURRENT	OUTPUT VOLTAGE PRECISION	RIPPLE & NOISES	REGULATION		MAXIMUN OUTPUT POWER
						LINE	LOAD	
Input voltage: 7-26Vdc Input current: 0-5A (Optional)	1	21-24V	0-1.2A	5%	150mV	±1%	±5%	25W
	2	16-20V	0-1.3A	5%	150mV	±1%	±5%	25W
	3	10-15V	0-1.8A	5%	100mV	±1%	±5%	25W
	4	9.4-9.9V	0-2.0A	5%	100mV	±1%	±5%	25W
	5	8.8-9.3V	0-2.2A	5%	80mV	±1%	±5%	25W
	6	8.2-8.7V	0-2.5A	5%	80mV	±1%	±5%	25W
	7	7.6-8.1V	0-3.0A	5%	70mV	±1%	±5%	25W
	8	7.0-7.5V	0-3.5A	5%	70mV	±1%	±5%	25W
	9	6.4-6.9V	0-3.8A	5%	60mV	±1%	±5%	25W
	10	5.8-6.3V	0-4.0A	5%	60mV	±1%	±5%	25W
	11	5.2-5.7V	0-5.0A	5%	60mV	±1%	±5%	25W
	12	4.6-5.1V	0-5.0A	5%	50mV	±1%	±5%	25W
	13	4.0-4.5V	0-5.0A	5%	50mV	±1%	±5%	22.5W
	14	3.4-3.9V	0-5.0A	5%	50mV	±1%	±5%	19.5W
	15	2.8-3.3V	0-5.0A	5%	50mV	±1%	±5%	16.5W

REMARK:(Ripple and noise)1.Measurements shall be made with an oscilloscope with 20MHz bandwidth.

2.Outputs shall be bypassed at the connector with a 0.1uF ceramic dick capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Specifications:

CE FC

Output Style: Wire and Plug
(Optional)
Operating Style: DC-DC
Product Measurement:
101.8*40*28mm
Product Weight: 90g

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