

# 71037 LF288150 Smart Car Battery Charger

## for 8 Cells 25.6V Li-Fe Battery

- **Specification**
- Input: 100~240V
- Output: 28.8V 15.0A
- Charge Process: CC、 CV (Two stages)
- Charger Indicator: Bi-color LED (Red: Charging; Green: Full charge)
- Output Protections: OVP、 OCP、 OTP、 Shorted、 Reversed
- Safety Approval: CE PSE
- Size: 250 x 125 x 72mm / 1.2kg
- Industry: Power Battery Pack、 Power Tools



## **LF288150 (28.8V 15.0A) 8S LiFePo4 Battery Charger**

Item	Specification	Remark
<b>1.Input</b>		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	5.5Arms	Input:100V Output:Full load
Max input power	550W	Input:100V Output:Full load
<b>2.Output</b>		
No load output voltage	DC1.65V	
Output voltage range	DC20.0~28.8V	
Suit with battery type	8S LiFePO4 battery	
Charging current	15.0A ±10%	
Charging voltage	DC28.8V ±1%	
Charge-end current	≤0.6-1.6A	
Timer	after 1cell>3.45V,it will be timed for 5H	
Max output power	432W	
Ripple voltage	≤288mV	Full load
Charging LED	Red:Charging	
	Green:Full charge or idle	
Shorted	Yes	
Reversed	Yes	
Efficiency	≥87%	Full load @220V
<b>3.Environment</b>		
Operate temperature	-10 ~ +40°C	
Operate humidity	< +90%	Relative humidity

Storage temperature	-40 ~ +70°C	
Storage humidity	0 ~ +95%	Relative humidity
Cooling	Natural	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition
<b>4.Mechanical</b>		
Weight	1.2Kg	
Size	223X125X71MM	Casing only
Connector	Refer to order	
<b>5.Safety</b>		
Max. temperature rise	< 40°C on casing	
Safety approval	CE/PSE	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

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