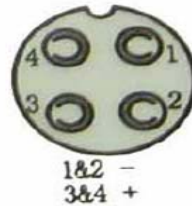


CH-LF5123N Charger Data sheet

No.	Items	Unit	Specification	Notes
Input Characteristics				
1	Rated Input voltage	Vac	100~240 VAC 50-60Hz	
	Input Voltage	Vac	90~264VAC 47~63Hz	
	Max. Input Power	W	240	
Output Characteristics				
2	Rated Output Voltage	Vdc	57.6 V	
	Max Output Current	A	3A	
	Battery Capacity Extend. Number of Cells		51.2V LiFePO4 Battery pack including Polymer LiFePO4	16 cells >3Ah (Recommend 7.5-30Ah)
	Over Voltage Protection		Yes	
	Output Reverse Protection		Yes	
	Efficiency		>90%	
	Power Indication LED Indications		Power on: LED1=Red (always on) Charging: LED2=Red Fully Charged: LED2=Green	
Charging Supervision and Protection Mechanism				
3	Smart protection		The charger will turn off automatically if the battery pack was not connected in 3 minutes.	
Environment				
4	Operation Temperature	°C	-10~40	
	Operation Humidity	%RH	<90%	
	Storage Temperature	°C	-20~40	
	Storage Humidity	%RH	20~60	
	Cooling		Aluminum housing & Fan	
Mechanical				
6	Dimensions(LxWxH)		155mm(")x 92mm(3.6")x52mm(2.0")	
	Weight		1.0 lbs 15.6Oz (900g)	
	US AC cable		1pcs-- See the following picture	
	Output cable		4pin female Cannon plug (connect with Charger)	
	Connector/Adaptor		1pcs--From 4pin male Cannon plug to clips 1pcs (See the	



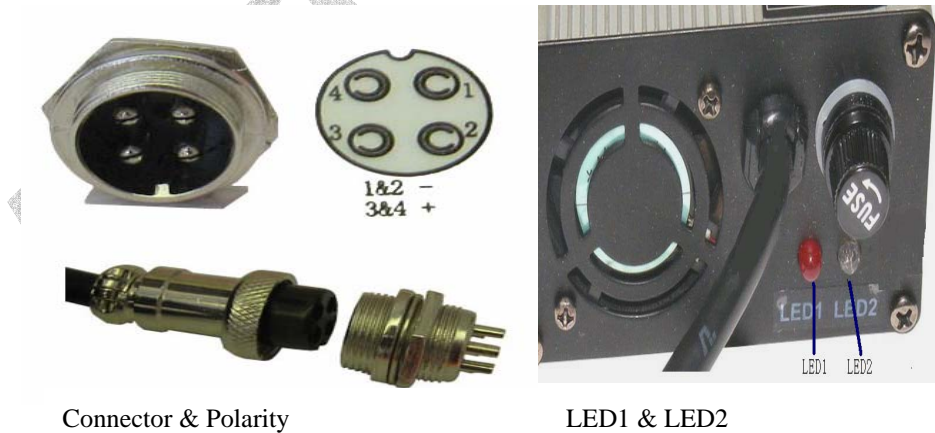
		following picture)
	Connector	4 pin Male Cannon plug (See the following picture)
	Fuse	2pcs 10 A

Accessory Picture



Charge Instruction

1. Make sure your AC supply source is 100-240V and your battery pack match with the battery requirement (See Output Characteristics 3: Battery Capacity Extend. Number of Cells)
2. Connect the charger to the AC outlet. LED1=Red: it means power on and LED2 = Green.
3. Connect DC output to battery pack terminals in 3 minutes (it is very important. If you cannot connect it in 3 minutes, you must reset the charger 5) LED2 will turn Red it means the charger is in charging.
4. When LED2 turns Green, the battery pack is fully charged. You can charge next battery pack or switch off the power.
5. How to reset charger; Unplug Ac power then reconnect it.



Notice



- 1.1. Only charge LiFePO4 battery pack with capacity > 3000 mAh. Don't use the charger for lower capacity LiFePO4 battery pack.
- 1.2. Only charge LiFePO4 battery pack with voltage 51.2V (16 cell pack). Don't use the charger for lower voltage battery pack which may cause battery to explode
- 1.3. Don't remove the case to prevent from electric shock
- 1.4. Unplug the charge from AC outlet whild not use.
- 1.5. Please connect charger to AC power before connect to battery pack. Otherwise, the charger will NOT charge the pack and you will not get a RED LED indicate charging.
- 1.6. The charger maybe faulty if LED2 cannot change to Green after a long time. Please check the battery pack state, if everything is right reset the charger (Unplug AC power and connect again).
- 1.7. AC plug must be reset if disconnect battery > 3min
- 1.8. Always place the charger in well-ventilated , dry environment and indoor use only
- 1.9. The charger is designed with aluminum housing as heat sink; Do not cover the case to avoid over heating when charging.