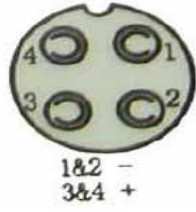


CH-L2596N Charger Data sheet

No.	Items	Unit	Specification	Notes
Input Characteristics				
1	Rated Input	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	29.4V	
	Rated Output Current	A	6A	
	Battery Capacity Extend. Number of Cells		25.6V LiFePO4 battery pack	8 cells >6.8Ah
			25.9V Li-ion battery pack	7 cells >10Ah
			24V Lead Acid battery pack	20Cells >7.5Ah
	Short-Circuit Protection		Yes	
	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		(L x W x H): 190mm(7.5")x92mm(3.6")x52mm(2.0")	
	Weight		2.0 lbs 7.4Oz (1120g)	
	US AC cable		1pcs-- See the following picture	
	Output cable		4pin female Cannon plug (connect with Charger)	
				

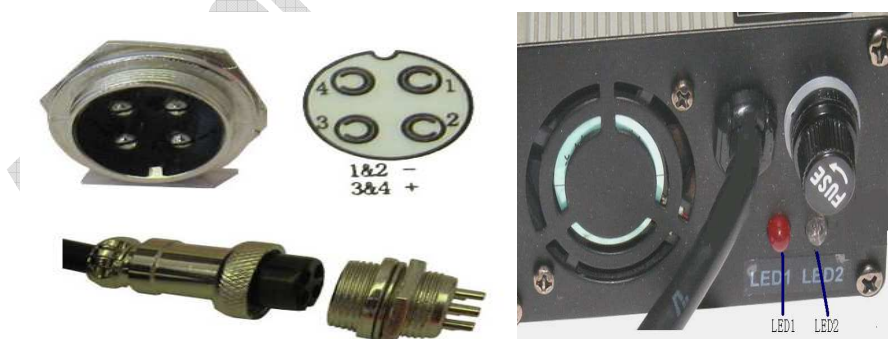
Connector/Adaptor	1pcs--From 4pin male Cannon plug to clips 1pcs (See the following picture)
Connector	4 pin Male Cannon plug (See the following picture)
Fuse	2pcs 10 A

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 of the power.
5. How to reset charger; Unplug Ac power then reconnect it.



Connector & Polarity

LED1 & LED2



Notice

1. Please use it for right battery (Output Characteristics 3)
2. Always place the charger in well-ventilated, dry environment and indoor use only.
3. Do not cover the case to avoid over heating when charging.
4. Subject to change without prior notice, please contact us for the latest information.
5. You must 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. Also, you must connect to battery within 3 minutes. Otherwise, you will need to unplug ac power and repeat the process again!

AA Portable Power Corp