

Battery Chargers CH8204L Series

■ Best for:

Electrically-powered wheelchairs
Electrically-powered scooters
Electrically-powered motorcycles
All types of electric vehicles
All types of electric equipment

■ Features:

- Make use of the microprocessor to control the system.
- Can be installed in scooters or powered wheelchairs.
- Can be left connected to a battery indefinitely without harming the battery.
- Automatic checks for the battery during the whole course till the battery has been fully charged.



SPECIFICATION



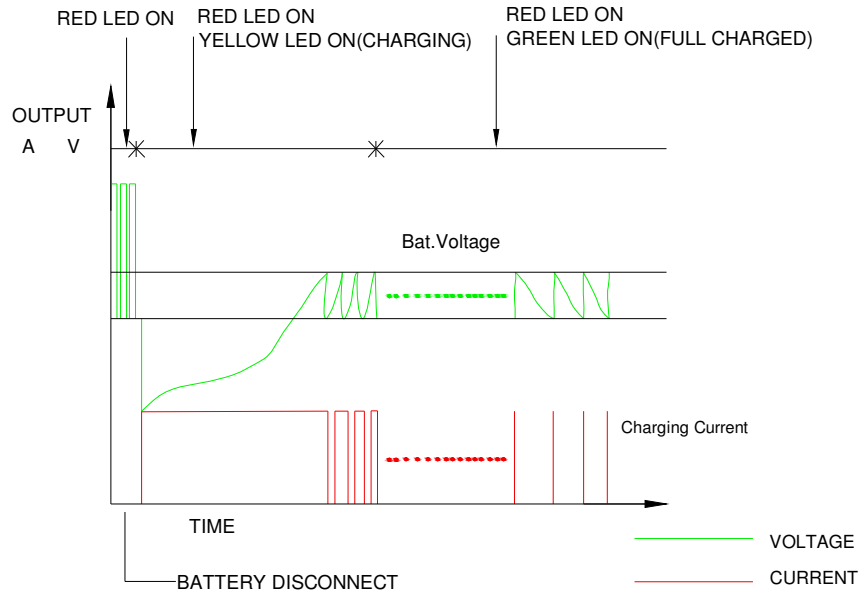
MODEL		CH8204 Lead-Acid	CH8204L LI-ION
OUTPUT	DC VOLTAGE	12VDC-48VDC	16.8VDC-54.6VDC
	RATED CURRENT	3A-8A	3A-5A
	RATED POWER	144W	160W
	LED INDICATED	RED LED LIGHT ON : POWER ON ORANGE LED LIGHT ON : CHARGING GREEN LED LIGHT ON : FULLY CHARGED	
INPUT	VOLTAGE RANGE	95 – 132VAC / 190 – 264VAC	
	FREQUENCY RANGE	47 – 63Hz	
ENVIRONMENT	WORKING TEMP.	- 10 - + 45 °C	
	WORKING HUMIDITY	20 – 90 % RH	
	STORAGE TEMP.	-20 - + 85 °C	
	STORAGE HUMIDITY	10 – 95 % RH	
	WITHSAND VOLTAGE	I/P-OP : 3KVAC, I/P – FG : 1.5KVAC, O/P – FG : 0.5KVAC	
	ISOLATION RESISTANCE	I/P – OP , I/P – FG- O/P – FG : 100M Ohms / 500VDC	
EMC	EMI CONDUCTION & RADIATION	COMPLIANCE TO EN55022 (CISPR22) CLASS B	
OTHERS	DIMENSIONS	L 180mm * W 94mm * H 53mm	
	WEIGHT	0.83KG	
	APPROVALS	GS.UL.SAA.PSE.CE	
PROTECTION	OVER LOAD	110 – 130 % RATED OUTPUT POWER	
	Protection Against over-voltage	Automatic shut-off	
	Protection Against overload	Automatic shut-off	
	Protection Against short circle	Output FUSE server or shut-off Automatically	

■ Charging Curve :

• Charger for Lead-Acid batteries

8204 LEAD-ACID BATTERY CHARGER CHARACTERISTIC

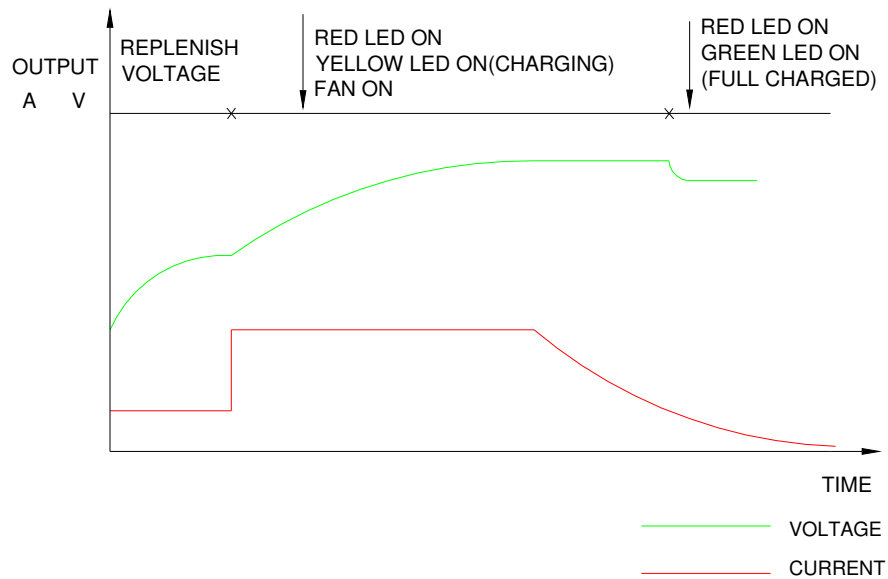
HP8204 spec.			
NO.	output voltage(V)	output current(A)	
A	12VDC	Max 8A	
B	24VDC	Max 6A	
C	36VDC	Max 4A	
D	48VDC	Max 3A	



• Charger for LI-ION batteries

HP8204L LI-ION BATTERY CHARGER CHARACTERISTIC

HP8204L specs			
NO.	cell	output voltage(V)	output current(A)
L1	4-6	16.8~25.2VDC	Max 5A
L2	7-9	29.4~37.8VDC	Max 4A
L3	10-12	42~50.4VDC	Max 4A
L4	13	54.6VDC	Max 3A



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