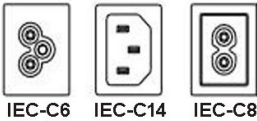


120W DeskTop Li-Ion/Li-Polymer Battery Charger LI12014 series



★ Features:

- ⊕ 3 step charge control
- ⊕ Universal AC input / Full range
- ⊕ Low standby power <0.5W
- ⊕ Constant current and voltage (CC,CV mode)
- ⊕ Suitable for continue load
- ⊕ Charges 1-14 Li-ION battery cells
- ⊕ Protections: Short circuit/Overload /Over volt./Over temp.
- ⊕ 2 colors LED indicate for charging status
- ⊕ Fully enclosed plastic case
- ⊕ High reliability
- ⊕ Approvals: UL / CUL / GS-TUV / C-Tick / FCC / SAA / PSE / KC / CE / CCC
- ⊕ 3 years warranty



SPECIFICATION

CELL COUNT		1	2	3	4	5	6	7	8	10	11	12	13	14
OUTPUT	DC VOLTAGE	4.2V	8.4V	12.6V	16.8V	21.0V	25.2V	29.4V	33.6V	42V	46.2V	50.4V	54.6V	58.8V
	CHARGE CURRENT	0~8.5A	0~8.5A	0~8.5A	0~7.0A	0~5.5A	0~4.5A	0~4.0A	0~3.5A	0~2.8A	0~2.5A	0~2.2A	0~2.0A	0~2.0A
	OUTPUT POWER	35.7W	71.4W	107.1W	117.6W	115.5W	113.4W	117.6W	117.6W	117.6W	115.5W	110.8W	109.2W	117.6W
	LED INDICATOR	RED: Charging GREEN: Charge completed / Standby												
INPUT	VOLTAGE	90~264VAC												
	FREQUENCY	47~63Hz												
PROTECTION	Overload Protection; Over voltage Protection; Short Circuit Protection.													
ENVIRONMENT	WORKING TEMP.	0~+50°C (Refer to output load derating curve)												
	WORKING HUMIDITY	20%~90% RH non-condensing												
	STORAGE TEMP.	-20~+85°C, 10~95% RH												
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, CSA22.2, EN60950-1, EMC: EN55022/55024/61000 Approved												
OTHERS	DIMENSION	172.5*72.5*31.5mm (L*W*H)												
	CONNECTOR	5.5*2.1*10mm, center positive; Other type available by customer requested												

Version			Charge Control			
Cell count	Nominal Battery Voltage	Max Output Power (W)	Charge Voltage (V)	Charge Current (A)	Charge termination I<	Charge start V battery<
1cells	3.7V	35.70W	4.20V	8.5A	850mA	3.9V
2cells	7.4V	71.40W	8.40V	8.5A	850mA	8.0V

FUYUAN ELECTRONIC (HK) CO LIMITED

Tel: 00852-30779997 FAX: 00852-30779998

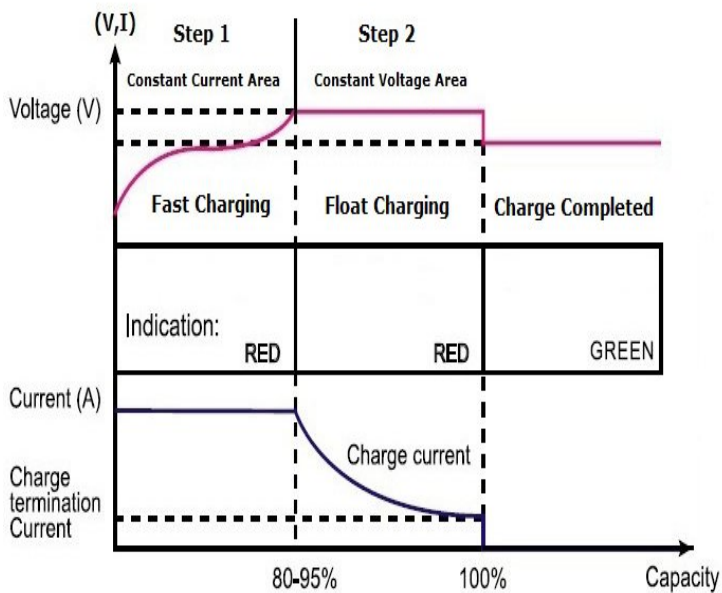
E-mail: sales@e-fuyuan.com info@e-fuyuan.com http://www.e-fuyuan.com

Add: UNYI 04, 7/F, BRIGHT WAY TOWER, NO. 33 MONG KOK ROAD, KOWLOON, HONG KONG.

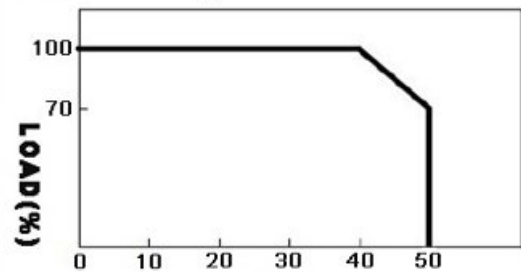
120W DeskTop Li-Ion/Li-Polymer Battery Charger LI12014 series

3cells	11.1V	107.10W	12.60V	8.5A	850mA	12.0V
4cells	14.8V	117.60W	16.80V	7.0A	700mA	16.0V
5cells	18.5V	115.50W	21.00V	5.5A	550mA	20.0V
6cells	22.2V	113.40W	25.20V	4.5A	450mA	24.3V
7cells	25.9V	117.60W	29.40V	4.0A	400mA	28.4V
8cells	29.6V	117.60W	33.60V	3.5A	350mA	32.3V
10cells	37.0V	117.60W	42.00V	2.8A	250mA	40.7V
11cells	40.7V	115.50W	46.20V	2.5A	250mA	44.8V
12cells	44.4V	110.80W	50.40V	2.2A	200mA	48.9V
13cells	48.1V	109.20W	54.60V	2.0A	200mA	53.0V
14cells	51.8V	117.60W	58.80V	2.0A	200mA	57.1V

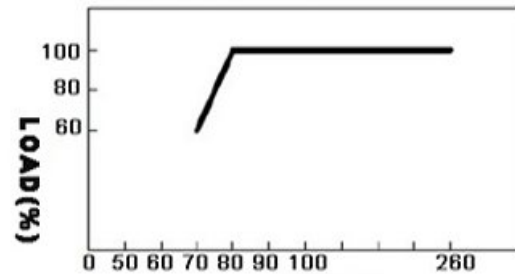
CHARGE CURVE



Derating Curve



Static Characteristics



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