

40W DeskTop Li-Ion/Li-Polymer Battery Charger LI4010 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 3-10 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

ORDER NO.	FC1503000	FC1802500	FC2102000	FC2551500	FC2901500	FC3601500	FC4201000	
CELL COUNT	3	4	5	6	7	8	10	
OUTPUT	DC VOLTAGE SET AT	12.6V	16.8V	21.0V	25.2V	29.4V	33.6V	42.0V
	RATED CURRENT	3.0A	2.5A	2.0A	1.5A	1.3A	1.2A	1.0A
	CURRENT RANGE	0~3.0A	0~2.5A	0~2.0A	0~1.5A	0~1.3A	0~1.2A	0~1.0A
	RATED POWER	37.80W	42.00W	42.00W	37.80W	38.22W	40.32W	42.00W
	RIPPLE&NOISE (Max)	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p
	CHARGING VOLTAGE RANGE	8.0~12.6V	10~16.8V	13.5~21V	15~25.2V	17.5~29.4V	20~33.6V	25~42.0V
	LED INDICATOR	RED: Charging GREEN: Charge completed/Standby						
	SETUP, RISE, HOLD UP TIME	200ms, 50ms, 16ms at full load						
INPUT	VOLTAGE RANGE	90~264VAC	127~370VDC					
	FREQUENCY RANGE	47~63Hz						
	AC CURRENT (Typ.)	2.0A/115VAC	1.5A/230VAC					
	INRUSH CURRENT(max.)	60A/230VAC						
	LEAKAGE CURRENT (max.)	0.25mA/240VAC						
PROTECTION	OVERLOAD	90~110% Constant current mode and over 300% pulsing mode						
		Protection type: Constant current limiting, recovers automatically after fault condition is removed						
	OVER VOLTAGE	110~135% rated output voltage						
		Protection type: Clamp by zener diode						
OVER TEMPERATURE	ICTj130℃							
	Protection type: Shut down o/p voltage, recovers automatically after temperature goes down							
ENVIRONMENT	WORKING TEMP.	0~+50℃ (Refer to output load derating curve)						
	WORKING HUMIDITY	20%~90% RH non-condensing						
	STORAGE	-20~+85℃, 10~95% RH						

FUYUAN ELECTRONIC (HK) CO LIMITED

Tel: 00852-30779997 FAX: 00852-30779998

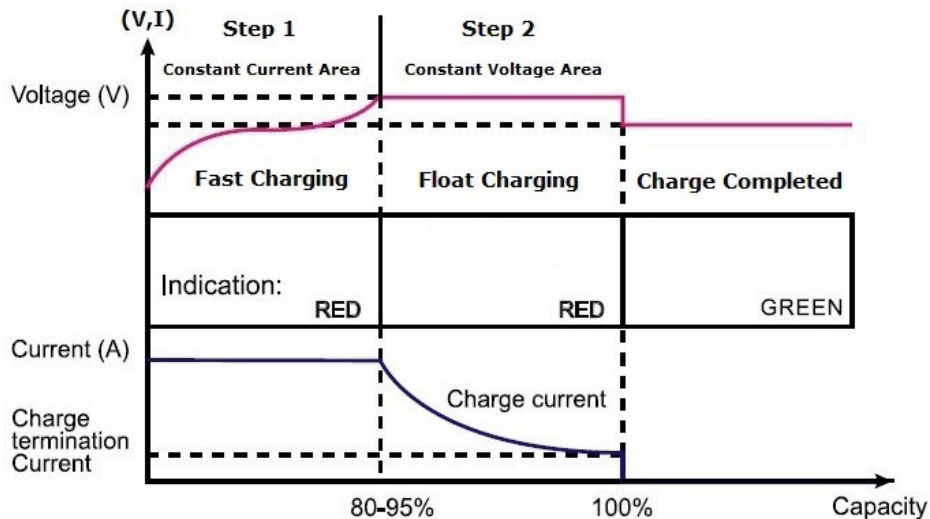
E-mail: sales@e-fuyuan.com info@e-fuyuan.com http://www.e-fuyuan.com

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

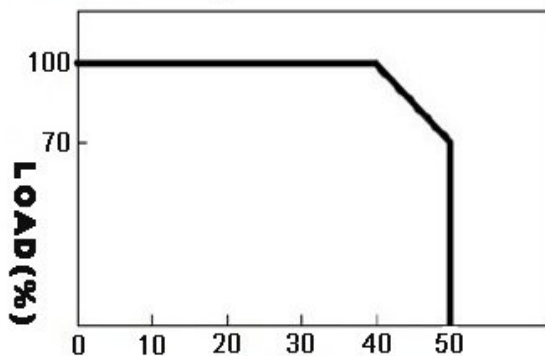
40W DeskTop Li-Ion/Li-Polymer Battery Charger LI4010 series

	TEMP.,HUMIDITY	
	TEMP. COEFFICIENT	±0.03% / °C (0~50°C)
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X,Y,Z axes
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, CSA22.2, EN60950-1, J60950, K60950, AS/NZS60950, GB4943 Approved
	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC(2Pin); I/P-O/P: 1.5KVAC(3Pin)
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25 °C / 70% RH
	EMI CONDUCTION & RADIATION	Compliance to EN55022(CISPR22) Class B, FCC part 15 Class B
	HARMONIC CURRENT	Compliance to EN61000-3-2,3
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, Light industry level, criteria A
	OTHERS	DIMENSION
	PACKING	120g; 100pcs/12kg/CARTON
	CONNECTOR	5.5*2.1*10mm, center positive; Other type available by customer requested

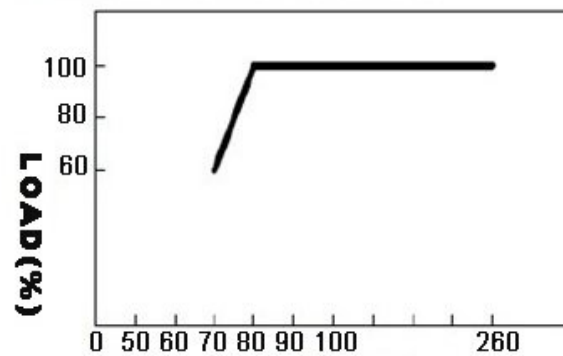
CHARGE CURVE



Derating Curve



Static Characteristics



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.