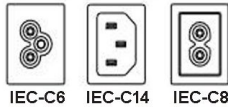


90W DeskTop Li-Ion/Li-Polymer Battery Charger LI9010 series



★ 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. | FC1506500 | FC1805000 | FC2104000 | FC2553500 | FC2903000 | FC3602500 | FC4202000 | |
|------------------|--|---|-------------|-----------|-----------|------------|-----------|----------|
| 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 | 6.5A | 5.0A | 4.0A | 3.5A | 3.0A | 2.6A | 2.0A |
| | CURRENT RANGE | 0~6.5A | 0~5.0A | 0~4.0A | 0~3.5A | 0~3.0A | 0~2.6A | 0~2.0A |
| | RATED POWER | 81.90W | 84.00W | 84.00W | 88.20W | 88.20W | 87.36W | 84.00W |
| | 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 (Max.) | 4.5A/115VAC | 4.0A/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

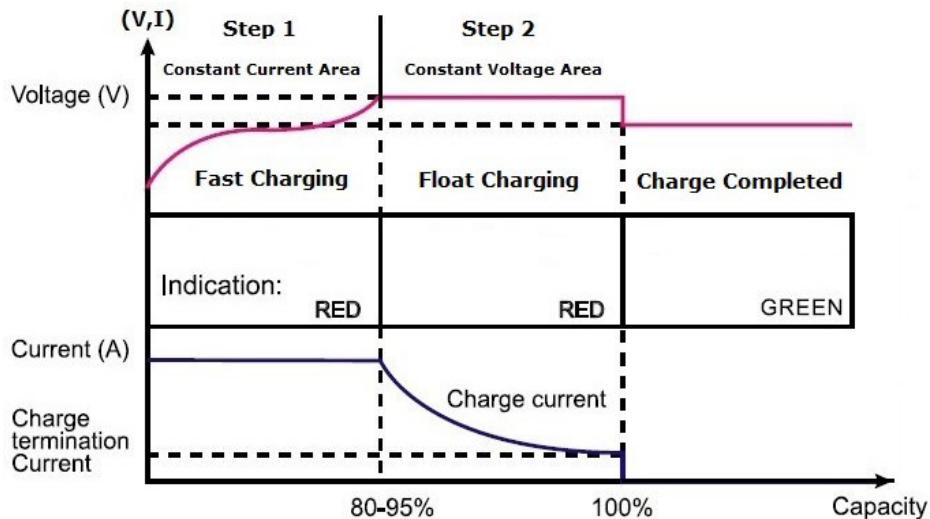
E-mail: sales@e-fuyuan.com info@e-fuyuan.com http://www.e-fuyuan.com

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

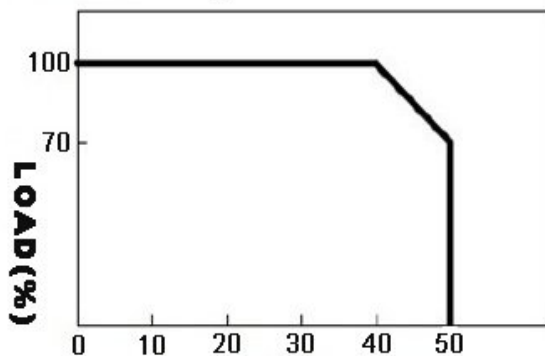
90W DeskTop Li-Ion/Li-Polymer Battery Charger LI9010 series

| | | |
|--------------|----------------------------|---|
| | 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 | 141*60*30.8mm(L*W*H) |
| | PACKING | 320g; 100pcs/12kg/CARTON |
| | CONNECTOR | 5.5*2.1*10mm, center positive; Other type available by customer requested |

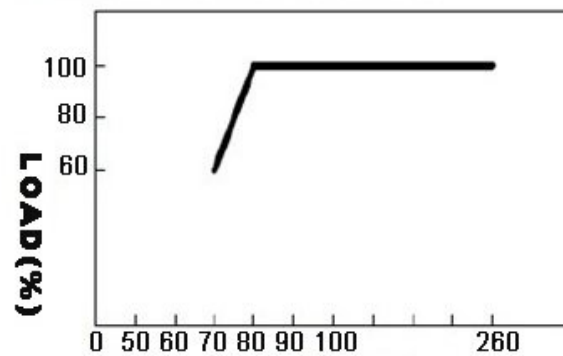
CHARGE CURVE



Derating Curve



Static Characteristics



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