

Universal EPL10XXsw series li-ion/polymer battery pack charger

Feature

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- ◆Fully auto 2 stages CC then CV charging process
- •universal for any li-ion/polymer battery pack 3.7V~14.8V (1~4cells)

Such as 18650 14500 26650 atc lition batteries back

Output voltage range

Suit with Battery type

Charge End condition

LED indicator (Bi-color)

Output Shorted protect

Max. output power

Operate temperature

Storage temperature

Operate humidity

Storage humidity

Input/Output Cord

Max. temperature rise

Safety standards

Hi-Pot Insulation

EMC standard

MTBF

ESD

& Terminals

Cooling

Impact

Weight

Size

Efficiency

Output Reversed protect

Charge Mode

Charging current

 ◆With Bi-color LED indiactor,Red:charging Green:floating/finished ◆Constant charging current for faster charging; ◆Switch-power supply topology,Stabilized output;low ripple. ◆Safety protecitons mode for battery polarity reversed,OCP OVP,and output connectors shorted ◆CE,ROHS,UL approval(EN60335-2-29 and UL1310) ◆100V~240V AC input for worldwide power support 				ple.		
Produc	tsSpecification					
	ITEM	UNIT	SPECIFICATION			
			INP	PUT		
1	Rating Input Voltage	V ac	100~240Vac 50/60Hz	Z		
			OUT	PUT		
2	Item Model		EPL1004	EPL1008	EPL1012	EPL1016

		OUTP
 T. 3.6 1.1	EDI 1004	

		001	1 (
2	Item Model	EPL1004	E

2	Item Model		EPL1004	EPL
3	Rating output voltage	V dc	4.2	8.4

V dc

Α

 $3 \sim 4.25$

 $1.7A \pm 0.1A$

li-ion battery

Auto 2 stages

Red: charging

YES

YES

>75%

<+90

 $-10 \sim +40$

-40 ~ +70

Natural convection

150(only body)

Defined by user

< 40 on casing

T.B.D.

30000

80X52X30

1 meter drop test \geq 3 times

EN60950 EN55022 EN6100

i/p to o/p: 3000 (1 min.)

 $0 \sim +95$

10

W

%

°C

%RH

°C

%RH

g

mm

°C

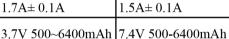
hrs

kV

V

I < 0.1A or V > 4.2V

Green: finished/idle



6-8.5



Auto 2 stages

Red: charging

YES

YES

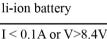
10

Environment

Mechanical

Safety

Green: finished/idl





12.6V

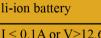
9~12.6

1.0A

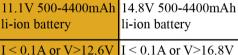
YES

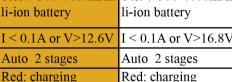
YES

10



Green: finished/idle





10

16.8V

0.6A

12~16.8V

I < 0.1A or V > 16.8V
Auto 2 stages
Red: charging
Green: finished/idl
YES
YES

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