

■ Features

- •AC100-240V input for worldwide used with rechangeable AC cord C13 inlet
- Perfect for charging all Li-ion, Lithium-ion or LiFePO4 batteries
- •Fully automatic CC then CV charging process
- Bi-color indicator for battery charging, Red: charging Green: Floating
- Output constant current for faster charging
- Protections:Short circuit/OVP/OCP/Overload/Polarity reversed
- •100% full load and burn-in test
- · High efficiency, long life and high reliability
- •2 years warranty



Suit battery:

li-ion/Lithium

4cells 16.8V / 1.8A

e-bike,motorcycle,electric vehicle, electric tools, emergency light, R/C toys, portable electronics devices, field detection instrument

■ Description

EP-3PLF30XX series is a 30W CC then CV universal fully automatic smart charger with Bi-color indicator for battery charging EP-3PLF30XX fully automatic CC then CV charging process, stage "CC" the charger outputs bulk current charging The battery voltage rise gradually. Then, "CV" stage is followed, the output voltage is limited at 4.2V/Cells for Li-ion batteries when the charging current drops to 1/10C(0.2~0.3A); The battery is nearly full. then the Green LED is ON

Display Panel

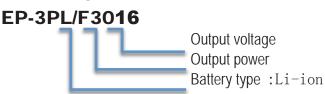


LED color: Green:Power on/ Battey is full

Red:Charging

Off:fault /such as the polarity reversed

■ Model Encoding



■Specification

■Specific	ation					1		
Model			EP-3PL3016					
ОИТРИТ	DC Voltage	1	16.8V					
	RATED CURRENT	1	1.8A					
	RATED POWER	3	30.2W					
	VOLTAGE RANGE	1	12~16.8V					
	CURRENT RANGE	:	±0.2A					
	VOLTAGE							
	TOLERANCE		±1%					
	LINE REGULATION		±0.5%					
INPUT	VOLTAGE RANGE	100~240VAC						
	FREQUENCY RANGE	47~63Hz						
	EFFICIENCY	8	30%					
	AC CURRENT	0.3A/115 VAC						
FUNCTION	CHAEGING PROCESS	CC the CV						
	CHARGING MODE	Automatic 2 stages						
	FOLATING CHARGE CONDITION	>	>0.3A					
	CHARGING INDICATOR	Red LED:Charging Green LED:Power on/Floating						
	SUIT BATTERY	1	16.8V 2~20Ah					
	CHARGING TIME	1~10H						
PROTECTION	OVER VOLTAGE							
	OVER LOAD	110~140% rate	d output power	·				
	OUTPUT SHORTED	LED OFF/Hiccup mode,recovers automatically after fault condition is removed						
	POLARITY REVERSED	LED OFF/Hiccup mode,recovers automatically after fault condition is removed						
ENVIRONMEN	WORKING TEMP.	-10 ~ +50°C						
	WORKING HUMIDITY	20`90% RH NON-CONDENSING						
	STORAGE							
	TEMP.,HUMIDITY	-10 ~ +50°C 20`90%						
	Cooling	Natural convection						
	water poof	IP64 Dust protected,water splashing resistance						
	IMPACT	1 Meter drop test>=3times						
SAFETY	SAFETY STANDARDS							
	EMC STANDARD	T.B.D						
	MTBF	30000 Hrs MIL-HDBK-217F						
	ESD	8KV						
	ISOLATION	the to a long 2000 (4 min.)						
	RESISTNCE	i/p to o/p: 3000V (1 min.)						
	MAX.TEMP.RISE	< 40°C on casing						
	WEIGHT	250g						
MECHANICAL		117*60*35MM	PLASTIC PC 945					
	CASE	PLASTIC PC	94 5					