

# Programmed EP-3PN10XXsw series NiMh/NiCd battery pack charger

## Feature

- ◆Programmed by MCU controller charging process
- ◆universal for any NiMh/NiCd battery pack 3.6V~12V (3~10 cells)  
Best charger for charging all RC car,RC Airplane and Air softie
- ◆With Bi-color LED indicator,Red:charging Green:floating/finished
- ◆Constant charging current for faster charging;
- ◆With 3 Cut-off Conditions:-dV>5mV/Cell or 1.65V/cell or timer out
- ◆Safety protections mode for battery polarity reversed,OCP  
OVP,and output connectors shorted
- ◆CE,ROHS,approval(EN60335-2-29)
- ◆100V~240V AC input for worldwide power support



## Products Specification

AC Input			
Input Voltage Range	90~265VAC		
Nominal Input Voltage	120 VAC / 230 VAC RMS		
Input Frequency	45 - 65 Hz		
Input Current	0.1A rms @ 120 VAC or 0.05A rms @ 230 VAC		
Power Factor	0.7 @ 120 VAC / 0.6 @ 230 VAC		
Charger type DC	NIMH/NICD batteries pack charger		
Model	EP-3PN1008sw	EP-3PN1012sw	EP-3PN1020sw
Matched battery type	3.6V~4.8V(3S~4S)	6V~7.2V(5S~6S)	8.4V~12V(7S~10S)
Open Output (No battery)	9V	12V	20V
Vmax cut-off condition	7V	10V	17V
Trickle Current	<0.05A	<0.05A	<0.03A
Bulk Current(With slide switch)	1.6A +-5%	1.2A +-5%	0.7A +-5%
LED Indicator	Charging LED Off: Power off Red: charging Red flashing: errors Green: floating charge/idle		
Inner Timer	8 hours (default value)		
Efficiency	>70% @full laod		
Environment			
Operating Temperature	-10~40°C		
Operating Humidity	<90%		
Storage Temperature	-40~70°C		
Storage Humidity	<95%		
Cooling	Natural cooling		
Safety			
Max Temperature rising	<35°C (on casing)		
Safety Standard	CUL(UL60950) CE(EN60335)		
Hi-Pot Insulation	i/p to o/p: 3000AC (1 min.) (For final unit, cut-off current =10mA)		
Mechanical			
Weight	100g		
Dimensions (L×W×H)	80×52×35mm		
Input/Output Cord	Defined by user		