

**Products Specification**

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<b>SPECIFICATION</b>		PREPARE	CHECK	APPROVE
MODEL:	USED IN:			
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COMMON/UNITE	DOC. NO:		REV.: 1.0	PAGE: 1 OF 1

3PX0-L7042 37V ( 10Serial ) Li-Ion Battery pack charger				
	ITEM	UNIT	SPECIFICATION	REMARK
<i>INPUT</i>				
01	Rating Input Voltage	V ac	100~240Vac 50/60Hz	
02	Input voltage range	V ac	90~264Vac	
03	Rating Input Current	A	1.1Arms	INPUT:220V OUTPUT:Full load
04	Max. input power	W	100	
<i>OUTPUT</i>				
05	Rating output voltage	V dc	41.85Vdc	
06	Output voltage range	V dc	30 ~ 42.0Vdc	
07	Suit with Battery type		37V ( 10Serial ) 4~12Ah Li-Ion	
08	Charging current	A	1.9 ± 0.2@40V	
09	Charging voltage	V	41.5 ±0.2V	
10	Cut-off current	A	< 0.2A	
11	Typical charging time	hour	--	
12	Max. output power	W	80W	
13	Hold-on time	ms	NC	Input: 220Vac Output: Full load
14	Ripple current	mA	100	Input: 220Vac Output: Full load
15	Charge finish condition		V>41.85V + I<0.2A	
16	LED color		Red: charging Green: finish/idle	
17	Output protect	-	OCP & OVP	
18	Efficiency	%	80%	At max. load
<i>Environment</i>				
19	Operate temperature	°C	-10 ~ +40	Full load & natural convection.
20	Operate humidity	%RH	< +90	Relative humidity, non-condensing.
21	Storage temperature	°C	-40 ~ +70	
22	Storage humidity	%RH	0 ~ +95	Relative humidity, non-condensing.
23	Cooling	-	Natural convection	
24	Temperature factor	%	--	
25	Vibration resistance		5MM/50HZ/600S	Non-operating condition.
26	Impact resistance		1 meter drop test >= 3 times	Non-operating condition.
<i>Mechanical</i>				
27	Weight	g	550	
28	Size	mm	129X91X68	Casing only
29	Connectors	-	Defined when order	
<i>Safety</i>				
30	Max. temperature rise	°C	< 40 on casing	At any line and Max. Load
31	Safety standards	-	EN60335-2-29	
32	EMC standard	-	EN55014	
33	MTBF	hrs	30000	
34	Limited power source	VA	-	
35	ESD	kV	8.0	
36	Hi-Pot Insulation	V	i/p to o/p: 3000 (1 min.)	For final unit, cut-off current =10mA