

# Products Specification

## Ultra Max Batteries

# ULTRA MAX®

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SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	CHAUMX12-6V-	Claudia		
ISSUE DATE:	2008-4-3			
COMMON/UNITE	DOC.NO:		REV: 1.0	PAGE:1 OF 1
ITEM	U	SPECIFICATION	REMARK	
<b>INPUT</b>				
1	Rating Input Voltage	V	100~240Vac 50/60Hz	
2	Input voltage range	V	90~264Vac	INPUT:220V OUTPUT:Full load
3	Rating Input Current	A	0.8Arms	
4	Max.input power	W	55	
<b>OUTPUT</b>				
5	Rating output voltage	V	6.9Vdc&13.8Vdc	
6	Output voltage range	V	5VDC~7.5VDC&10VDC~15VDC	
7	Suit with Battery type		6V&12V 7~20Ah VRLA	
8	Charging current(stage1)	A	3.0±0.3@6&12V	
9	Charging voltage(stage2)	V	7.2-7.5V&14.3-14.7V	
	Floating voltage(stage3)	V	6.7-6.9V&13.5-13.8V	
10	Cut-off current(stage2→3)	A	<0.60+0.2A	
11	Typical charging time	ho	8	
12	Max.output power	W	45W	
13	Hold-on time	ms	NC	Input:220Vac Output:Full load
14	Ripple current	m	200	Input:220Vac Output:Full load
15	Charge finish condition		V>7.0V +I<0.7A&V>14.0V +I<0.7A	
16	LED color		Red:charging Green:finish/idle	
17	Output protect	-	OCP&OVP&Reverse input protection	
18	Efficiency	%	80%(min)	At max.load
<b>Environment</b>				
19	Operate temperature	°C	0~+40	Full load&natural convection
20	Operate humidity	%	20~90	Relative humidity,non-
21	Storage temperature	°C	-40~+70	
22	Storage humidity	%	10~95	Relative humidity,non-
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.
<b>Mechanical</b>				
27	Weight	g	350	
28	Size	m	120×60×37	Casing only
29	Connectors	-	Defined when order	
<b>Safety</b>				
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	hr	40000	
34	Limited power source	V	-	
35	ESD	Kv	8.0	
36	Hi-Pot Insulation	v	Input to Output:3000(1 min.)	For final nuit,cut-off