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25.6V 10.0A LiFePO4 battery charger



SPECIFICATION

MODEL:	CHAUMXDC24V-10A-SB50
ISSUE DATE:	2011-2-8
COMMON/UNITE	DOC.NO:

Smart 2-Stages LiFePO4 Battery charger

	ITEM	UNIT	SPECIFICATION	REMARK
INPUT				
01	Rating Input Voltage	V ac	100~120Vac or 200~240Vac 50-60Hz	
02	Input voltage range	V ac	90~132Vac or 180~264Vac	
03	Rating Input Current	A	2.0Arms	
04	Max.input power	W	360W	
OUTPUT				
05	Rating output voltage	V dc	29.2V	
06				
07	Suit with Battery type		25.6V LiFePO4 battery pack	
08	Charging current(stage1)	A	10.0±1.0	
09	Charging voltage(stage2)	V	28.8-29.4V	
10	Cut-off current(stage1→2)	A	0.8-1.2A	
11	Typical charging time	hour	Fast charge 2hours Slow charge 5hours	
12	Max.output power	W	292.0W	
13	Hold-on time	ms	NC	Input:220Vac Output:Full load
14	Ripple current	mA	400	Input:220Vac Output:Full load
15	Charge finish condition		I<1.2A	
16	LED color		Red:charging Green:finish/idle	
17	Output protect	-	OCP&OVP&Polarity error protection	
18	Efficiency	%	80%(Typical)	At max.load
Environment				
19	Operating temperature	°C	0~+40	Full load&natural convection
20	Operate humidity	%RH	20~90	Relative humidity,non-condensin
21	Storage temperature	°C	-40~+70	
22	Storage humidity	%RH	10~95	Relative humidity,non-condensin
23	Cooling	-	Fan cooling	
24	Temperature factor	%	--	
25	Vibration resistance		5MM/50HZ/600S	Non-operating condition.
26	Impact resistance		1 meter drop test>=3 times	Non-operating condition.
Mechanical				
27	Weight	g	1200	
28	Size	mm	160.0*105.0*63.0	Casing only
29	Connectors	-	Defined when order	
Safety				
30	Max.temperature rise	°C	<30 on casing	At any line and Max.Load
31	Safety standards	-	CE(EN60335-2-29)	
32	EMC standard	-	CE(EN55014)	
33	MTBF	hrs	40000	
34	Limited power source	VA	-	
35	ESD	Kv	8.0	
36	Hi-Pot Insulation	v	Input to Output:3000Vac(1 min.)	For final nuit,cut-off current=10n