

CHAUMXDC48V2A__ Product Specification

MODEL: CHAUMXDC48V2A

ISSUE DATE: 2008-10-20

COMMON/UNITE

DOC.NO:

REV: 1.0

PAGE:1 OF 1

Smart 3-Stages SLA Battery charger

	ITEM	UNIT	SPECIFICATION	REMARK
INPUT				
01	Rating Input Voltage	V ac	100-240Vac 50-60Hz	
02	Input voltage range	V ac	90~264Vac	
03	Rating Input Current	A	0.8Arms	
04	Max.input power	W	160	
OUTPUT				
05	Rating output voltage	V dc	55.2V	
06				
07	Suit with Battery type		48V 4.0~20.0Ah VRLA	
08	Charging current(stage1)	A	2.0±0.2@48V	
09	Charging voltage(stage2)	V	58.8-59.6V	
	Floating voltage(stage3)	V	55.0-55.6V	
10	Cut-off current(stage2→3)	A	<0.40+-0.1A	
11	Typical charging time	hour	8	
12	Max.output power	W	120W	
13	Hold-on time	ms	NC	Input:220Vac Output:Full load
14	Ripple current	mA	480	Input:220Vac Output:Full load
15	Charge finish condition		V>58V +I<0.4A	
16	LED color		Red:charging Green:finish/idle	
17	Output protect	-	OCP&OVP&Reverse input protection	
18	Efficiency	%	80%(min)	At max.load
Environment				
19	Operating temperature	℃	0~+40	Full load&natural convection
20	Operate humidity	%RH	20~90	Relative humidity,non-condensing.
21	Storage temperature	℃	-40~+70	
22	Storage humidity	%RH	10~95	Relative humidity,non-condensing.
23	Cooling	-	Fan force cooling only when charging	Fan don't work when idle or fully charged
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	500	
28	Size	mm	152.5*63.0*45.0	Casing only
29	Connectors	-	Defined when order	
Safety				
30	Max.temperature rise	℃	<40 on casing	At any line and Max.Load
31	Safety standards	-	CE	
32	EMC standard	-	CE	
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=10mA