

UltraMax Batteries

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25.6V 10.0A LiFePO4 battery charger

SPECIFICATION		PREPARE	CHECK	APPROVE
MODEL:	CHAUMXDC24V-10A-XLR	Claudia		
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COMMON/UNITE	DOC.NO:		REV: 1.0	PAGE:1 OF 1

Smart 2-Stages LiFePO4 Battery charger

ITEM	UNIT	SPECIFICATION	REMARK	
INPUT				
01	Rating Input Voltage	V ac	200~240Vac 50-60Hz	
02	Input voltage range	V ac	180~264Vac	
03	Rating Input Current	A	2.0Arms	220Vac
04	Max.input power	W	450.0W	
OUTPUT				
05	Rating output voltage	V dc	29.2V	
06	Output voltage range	V dc	0VDC~29.2VDC	
07	Suit with Battery type		25.6V LiFePO4 battery charger only	
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	300.0W	
13	Hold-on time	ms	NC	Input:220Vac Output:Full load
14	Ripple current	mA	500	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	
18	Efficiency	%	80%(Typical)	At max.load
Environment				
19	Operate 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	
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	1500	
28	Size	mm	180.0*90.0*63.0	Casing only
29	Connectors	-	Defined when order	
Safety				
30	Max.temperature rise	℃	<30 on casing	At any line and Max.Load
31	Safety standards	-	CE(EN62368-1:2014+A11:2017)	
32	EMC standard	-	CE(EN 55032,EN 55035)	
33	MTBF	hrs	40000	
34	Limited power source	VA	-	
35	ESD	Kv	8.0	
36	Hi-Pot Insulation	v	Input to Output:1800Vac(1 min.)	For final nuit,cut-off current=10mA



CHAUMXDC24V10A charger with XLR connector

