

中國端子電業股份有限公司

CTE TECH. CORP

COUTOMER: Beltrona electronic components

MODEL NO: 4C24080A

DESCRIPTION: Charger

PART NO: _____

OUR REV.NO: _____

DATE: 2008/08/26

APPROVED SIGNATURES

CONCLUSION: APPROVED REJECTED LIMITED QTY PCS

Index

(1) Electrical Specification _____1.

(2) Technical Drawing _____2.

(3) Safe Codes:

UL: UL 1012 _____3.

TUV: EN 60335-2-29 _____4.

FCC: 47CFR _____5.

CE: EN 55014-1 _____6.

AS: AS/NZS 60335.2.29 _____8.

(1) Electrical Specification

Item	BATTERY CHARGER (SWITCHING MODE)
Model	4C24080A
Output Current(DC)	8A±5%
Charging Voltage(DC)	28.8V
Floating Voltage(DC)	27.6V
Input Current (AC)	3.8A max.
Input Voltage(AC)	100 ~ 240 V 50/60Hz
Efficiency	AC-DC 85% min
Operating Temperature	0°C ~ 40°C
Switching Method	SWITCHING MODE
Charging Method	Constant current two stage constant voltage
Battery Application	24V Lead Acid Rechargeable Battery (20Ahr ~ 60Ahr)
Output Detection	1.Short Circuit Protection 2.Reverse Power Protection 3.Overheat Protection 4.Charging Plug Protection
Operating Humidity	20% ~ 85 %
Measure	L 185mm×W 130mm×H 195mm
Weight	1.7K g
Color	Black

(2) Technical Drawing

適用範圍：A0, A1, A2, A3, A4 及其縮小版

工程圖面

Positive Output
Negative Output
INPUT
OUTPUT PLUG

LED INDICATOR
Green Flash: Wait for Connect to Battery
Orange Flash: Pre Charge
Orange: Charging
Green/Orange Flash: Charged 85%
Green: Full Charged
Red Flash: Defect

130

180.00

190.00

NOTE:
1.充電器型式:4C24080A
CHARGER TYPE: 4C24080A
2.使用電池型式:鉛酸電池12V_×2
BATTERY TYPE:LEAD ACID BATTERY 12V_×2
3.輸出電壓:DC28.8V±0.2V
OUTPUT VOLTAGE: DC28.8V±0.2V
4.輸出電流:DC8A±5%
OUTPUT CURRENT: 8A±5%
5.輸入電流:3.5A(MAX)
INPUT CURRENT: 3.5A(MAX)
6.輸入電壓範圍:AC100-240V 60/50HZ
INPUT VOLTAGE RANGE:AC100-240V 60/50HZ
7.充電器操作溫度:0-40°C,溼度20%-85%
CHARGER OPERATING TEMPERATURE 0-40°C, HUMIDITY 20%-85%
8.AC輸入設定電壓須為內部自動設定
AC INPUT VOLTAGE SETTING MUST AUTO SETTING
9.電池反接充電器不得燒毀
NO DAMAGE ON THE CHARGE WHEN THE BATTERY POLARITY REVERSE CONNECTED
10.充電器輸出短路保護
OUTPUT SHORT CURRENT PROTECTION
11.認證型式:UL, TUV, CE
CERTIFICATED TYPE:UL, TUV, CE
12.絕緣保護等級: CLASS II
PROTECTION CLASS II

模具加工配合尺寸公差		線割		掛磨	
型號	公差	公差	公差	公差	公差
公	+0.000	+0.000	+0.000	+0.000	+0.000
母	+0.01	+0.005	+0.005	+0.005	+0.005
	-0.00	-0.000	-0.000	-0.000	-0.000

GENERAL TOLERANCES(±)		ANGLE	
RANK	A	B	C
UNDER 4	0.1	0.15	0.2
DVER4 UNDER16	0.15	0.2	0.3
DVER16 UNDER63	0.2	0.3	0.4
DVER63 UNDER250	0.3	0.5	0.8
DVER250	0.5	0.8	1.2

SCALE	QTY	WEIGHT	MODEL NO.

MATERIAL	UNIT	NAME
	MM	

DESIGNED BY	CHECKED BY	APPROVED BY	PART N.D.
Jay	Jimmy	Liu	CK842_050421

REVISION RECORD	DATE	MODIFIED BY
NEW DESIGN		Jay
REVISION RECORD		

表號:SF81N-001

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