

C.M. TECHNOLOGY

Designed and Manufactured in Australia

www.cmtechnology.com.au

PRODUCT SHORTFORM

Rev. A4

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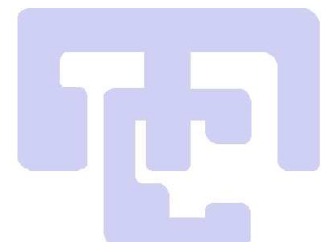
7A 12V Battery Charger



CMT712-BC

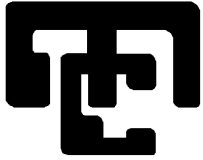
The CMT712-BC is a single output battery charger with a compact form factor. The CMT712-BC can provide up to 100W, making it the ideal battery charger for 12V Lead-Acid batteries.

- Built-in Passive PFC functionality (compliant to EN61000-3-2)
- Includes an AC ON/OFF switch
- Fused 3-pole AC input
- Short circuit/Overload/Overvoltage/Over temperature protection
- Charger for lead-acid batteries
- Two colour (Green/Red) LED loading indicator
- Two year warranty



A Caspian Technology Company

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DC Voltage	13.8V
Rated Current	7.2A
Output Current Range	0– 7.2A
Rated Power	99.36W
Voltage Range	176 - 264VAC
Power Factor	>0.65
Input Frequency Range	47 - 63Hz
Typical Efficiency	73%
Typical A.C Current	1.5A / 230VAC
Typical Inrush Current	Cold Start 50A
Leakage Current	<1.5mA / 240VAC
Overload Protection	90 - 110 % Rated Output Power
Overvoltage Protection	15 - 17V
Over Temperature	70°C ± 10°C
Isolation Resistance	Input-Output, Input-Ground & Output-Ground: 100M Ohms / 500VDC
EMI Conduction & Radiation	EN55022 (CISPR22) Class B
Harmonic Current	EN61000-3-2,-3
EMS Immunity	EN61000-4-2,3,4,5,6,8,11, ENV50204, EN 55024 Light industrial, Criteria A
Dimensions	180 x 96 x 49 mm (L x W x H)
Withstand Voltage	Input-Output:3KVAC, Input-Ground:1.5KVAC, Output-Ground:0.5KVAC
Safety Standards	TUV EN60950-1, UL60950-1, EN60335, EN60335-1, EN60335-2-29
MTBF	149.6Khrs min. MIL-HDBK-217F (25°C)
Vibration	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axis
Working Temperature	-10°C ~ +45°C
Working Humidity	20% ~ 90% Room Humidity Non-condensing
Storage Temperature & Humidity	-20°C ~ +85°C, 10% ~ 95% Room Humidity

