



Ref. Certif. No.

CA/31110/CSA

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	DC-DC converter
Name and address of the applicant	Mornsun Guangzhou Science & Technology Ltd. No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong 510670, China
Name and address of the manufacturer	Mornsun Guangzhou Science & Technology Ltd. No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong 510670, China
Name and address of the factory	Mornsun (HuaiHua) Science & Technology Co., Ltd. No.16, Jianshe Avenue, High-tech Industrial Development District, Huaihua, Hunan, China
<i>Note: When more than one factory, please report on page 2</i>	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Refer to Page 2 of Certificate
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	UWTH1D03P-6WR3, UWTH1D05P-6WR3, UWTH1D12P-6WR3, UWTH1D15P-6WR3, UWTH1D24P-6WR3
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018 Refer to IEC checklist for national deviations
As shown in the Test Report Ref. No. which forms part of this Certificate	CB 267770-80145582

This CB Test Certificate is issued by the National Certification Body



CSA Group
178 Rexdale Boulevard
Toronto, ON M9W 1R3 Canada

Date: 2022-10-31

Signature: Ze Guo



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Ratings and principal characteristics

Input voltage: 14-160Vdc, Input current: 0.56A

Part number	Output voltage	Output current	Output power	Transformer type
UWTH1D03P-6WR3	3.3V	1.454A	4.8W	14271404(A/0~A/9)
UWTH1D05P-6WR3	5V	1.2A	6W	14271493(A/0~A/9)
UWTH1D12P-6WR3	12V	0.5A	6W	14271405(A/0~A/9)
UWTH1D15P-6WR3	15V	0.4A	6W	14271406(A/0~A/9)
UWTH1D24P-6WR3	24V	0.25A	6W	14271407(A/0~A/9)

Additional information (if necessary)

Date: 2022-10-31

Signature: Ze Guo