



Ref. Certif. No.

CA/28333/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
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on pages 3 and 4
Trademark / Brand (if any)	MORNSUN®
Customer's Testing Facility (CTF) Stage used	CTF2
Model / Type Ref.	<input checked="" type="checkbox"/> Additional Information on page 2
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 62368-1:2014; Refer to IEC checklist for national deviations
As shown in the Test Report Ref. No. which forms part of this Certificate	CB 267770-80094632

This CB Test Certificate is issued by the National Certification Body



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

Date: 2021-11-03

Signature: Lotus Yao



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Model/Type reference:

UWTH1D12QB-100WR3*\$,
UWTH1D12QB-100WHR3*\$,
UWTH1D12QB-100WFR3*\$,
UWTH1D15QB-100WR3*\$,
UWTH1D15QB-100WHR3*\$,
UWTH1D15QB-100WFR3*\$,
UWTH1D24QB-100WR3*\$,
UWTH1D24QB-100WHR3*\$,
UWTH1D24QB-100WFR3*\$
UWTH1D28QB-100WR3*\$,
UWTH1D28QB-100WHR3*\$,
UWTH1D28QB-100WFR3*\$,
UWTH1D48QB-100WR3*\$,
UWTH1D48QB-100WHR3*\$,
UWTH1D48QB-100WFR3*\$,
UWTH1D54QB-100WR3*\$,
UWTH1D54QB-100WHR3*\$,
UWTH1D54QB-100WFR3*\$,
UWTH1D12QB-50WR3S*\$,
UWTH1D12QB-50WHR3S*\$,
UWTH1D12QB-50WFR3S*\$,
UWTH1D15QB-50WR3S*\$,
UWTH1D15QB-50WHR3S*\$,
UWTH1D15QB-50WFR3S*\$,
UWTH1D24QB-50WR3S*\$,
UWTH1D24QB-50WHR3S*\$,
UWTH1D24QB-50WFR3S*\$,
UWTH1D28QB-50WR3S*\$,
UWTH1D28QB-50WHR3S*\$,
UWTH1D28QB-50WFR3S*\$,
UWTH1D48QB-50WR3S*\$,
UWTH1D48QB-50WHR3S*\$,
UWTH1D48QB-50WFR3S*\$,
UWTH1D54QB-50WR3S*\$,
UWTH1D54QB-50WHR3S*\$,
UWTH1D54QB-50WFR3S*\$

("*" can be blank, A5 or A6:

A5 means chassis mounting, A6 means DIN-Rail mounting.

("\$" can be blank or "-yy" to distinguish different customers, "yy" represents any combination of letters from 1 to 2.)

Additional information (if necessary)

Date: 2021-11-03

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Ratings:

Input: 14 - 160 Vdc, 8.95 A (for 100W models) or 4.475 A (for 50W models);

Output:

Input voltage: 14 - 160 Vdc					
Part number	Input current	Output voltage	Output current	Output power	Transformer type
UWTH1D12QB-100WR3*\$	8.95 A	12V	8.33A	100W	14271354,51409134 (A/0,....,A/9)
UWTH1D12QB-100WHR3*\$					
UWTH1D12QB-100WFR3*\$					
UWTH1D15QB-100WR3*\$		15V	6.67A		
UWTH1D15QB-100WHR3*\$					
UWTH1D15QB-100WFR3*\$					
UWTH1D24QB-100WR3*\$		24V	4.16A		
UWTH1D24QB-100WHR3*\$					
UWTH1D24QB-100WFR3*\$					
UWTH1D28QB-100WR3*\$		28V	3.57A		
UWTH1D28QB-100WHR3*\$					
UWTH1D28QB-100WFR3*\$					
UWTH1D48QB-100WR3*\$		48V	2.08A		
UWTH1D48QB-100WHR3*\$					
UWTH1D48QB-100WFR3*\$					
UWTH1D54QB-100WR3*\$		54V	1.85A		
UWTH1D54QB-100WHR3*\$					
UWTH1D54QB-100WFR3*\$					

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Ratings:

Input: 14 - 160 Vdc, 8.95 A (for 100W models) or 4.475 A (for 50W models);

Part number	Input current	Output voltage	Output current	Output power	Transformer type
UWTH1D12QB-50WR3S*\$	4.475 A	12V	4.16A	50W	14271354,51409134 (A/0,....,A/9)
UWTH1D12QB-50WHR3S*\$					
UWTH1D12QB-50WFR3S*\$					
UWTH1D15QB-50WR3S*\$		15V	3.33A		
UWTH1D15QB-50WHR3S*\$					
UWTH1D15QB-50WFR3S*\$					
UWTH1D24QB-50WR3S*\$	4.475 A	24V	2.08A		14271355,51409133 (A/0,....,A/9)
UWTH1D24QB-50WHR3S*\$					
UWTH1D24QB-50WFR3S*\$					
UWTH1D28QB-50WR3S*\$		28V	1.79A		
UWTH1D28QB-50WHR3S*\$					
UWTH1D28QB-50WFR3S*\$					
UWTH1D48QB-50WR3S*\$	4.475 A	48V	1.04A	14271355,51409132 (A/0,....,A/9)	
UWTH1D48QB-50WHR3S*\$					
UWTH1D48QB-50WFR3S*\$					
UWTH1D54QB-50WR3S*\$		54V	0.93A		
UWTH1D54QB-50WHR3S*\$					
UWTH1D54QB-50WFR3S*\$					

“*” means blank, A5 and A6, A5 means chassis mounting, A6 means DIN-Rail mounting. “\$” means blank and “-yy” to distinguish different customers, “yy” represents any combination of letters from 1 to 2.

Additional information (if necessary)


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