Ref. Certif. No.

HU-001604-A2/M2

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

CB TEST CERTIFICATE

Product	Switch Mode Power Supply
Name and address of the applicant	Excelsys Technologies Ltd. 27 Eastgate Drive, Eastgate Business Park, Little Island, Cork, Ireland
Name and address of the manufacturer	Excelsys Technologies Ltd. 27 Eastgate Drive, Eastgate Business Park, Little Island, Cork, Ireland
Name and address of the factory Note: *When more than one factory, please report on page 2*	Shenzhen WATT Electronics Co., Ltd. No. 5 Tunnel 1, TangFang Garden, 35 District, Baoan, 518101 Shenzhen, Guangdong, China
Ratings and principal characteristics	Input: 100-240Vac, 50/60Hz, (or 50-60Hz) (see further details on page 2 of this Certificate)
Trademark /Brand (if any)	excelsys
Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	Xab-cdefgh (See type variations on page 2 of this Certificate)
Additional information (if necessary may also be reported on page 2)	This Certificate is amendment No.2 to CB Test Certificate ref. No. HU-001604-A1/M2, dated 2018-02-22, and it is issued due to administrative modification. (See Test Report for further details)
A sample of the product was tested and found to be in conformity with	IEC 60601-1 :2005+AMD1:2012 National Differences: CA, KR,US, CH
As shown in the Test Report Ref. No. which forms part of this Certificate	28224490 006

This CB Test Certificate is issued by the National Certification Body

TÜVRheinland®

TÜV Rheinland InterCert Kft., Division MEEI
H-1132 Budapest, Váci út 48/A-B
www.tuv.com

TÜV Rheinland InterCert Kft. 1. Product Certification

Date: 2020-01-28

Signature: Terence Schmidt

Type variations and ratings:

Type reference :Xab-cdefgh, where:

a = S or any other alpha character to denote market (S = standard)

b = 1000 or 500 (1000 = 1008W output; 500 = 504W output)

c = 24, 36 or 48 (denoting nominal output voltage)

d = N; P or any alphanumeric character used to denote output voltage (N = Nominal output voltage; P = Pre-set output voltage)

e = '-'; C; R or S ('-' = standard model; C = Conformally Coated; R = Ruggedized; S = C + R)

f = Any alphanumeric character describing customer internal wiring lengths. Where no internal wiring exists and Screw Terminal Barrier Block only is used, f = 0.

g = 00; 01; 02; 03; 04; 05; 06; 07; 08; 09; 10 or 11, where:

00 = no options
01 = I2C/PMBus
02 = OR-Ing function
03 = 1 + 2
04 = Low leakage
05 = 1 + 4
06 = 2 + 4
07 = 1 + 2 + 4

h = Optional. Any alphanumeric character (for logistic use only).

Model Differences:

	Input Voltage	Input Current	Output 1	Output 2	Output Power
Xa500-24N-000	100-240Vac 50/60Hz	4.0-2.3A	14-28Vdc (24V Nominal), 21A	12Vdc, 0.3A	504W max (de-rated by 1.83W/Vac below 180Vac input)
Xa500-36N-000			19-40Vdc (36V Nominal), 14A		
Xa500-48N-000			29-58Vdc (48V Nominal), 10.5A		
Xa1000-24N-000		10-4.6A	14-28Vdc (24V Nominal), 42A		1008W max (de-rated by 5.94W/Vac below 120Vac input)
Xa1000-36N-000			19-40Vdc (36V Nominal), 28A		
Xa1000-48N-000			29-58Vdc (48V Nominal), 21A		

Additional information (if necessary)

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Signature: Ferencne Schmidt