



Ref. Certif. No.

**SE-80286M1**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**Product  
Produit

DC-DC Converter

Name and address of the applicant  
Nom et adresse du demandeurTDK-Lambda Corporation  
Nagaoka Technical Center  
2704-1 Settaya-machi, Nagaoka-shi, Niigata, 940-1195, JAPANName and address of the manufacturer  
Nom et adresse du fabricant

Same as applicant

Name and address of the factory  
Nom et adresse de l'usine  
Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup>

See page 2

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

DC 36-76V ---

Trademark (if any)  
Marque de fabrique (si elle existe)

TDK-Lambda

Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais  
constructeur

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Model / Type Ref.  
Ref. De type

PAH450S48-\*\*

Additional information (if necessary may also be  
reported on page 2)  
Les informations complémentaires (si nécessaire,  
peuvent être indiqués sur la 2<sup>ème</sup> page)

See page 2

A sample of the product was tested and found  
to be in conformity with  
Un échantillon de ce produit a été essayé et a été  
considéré conforme à laIEC 60950-1:2005+A1+A2. Group- and national differences for  
the CENELEC countries (EN 60950-1:2006+A11+A1+A12+A2)As shown in the Test Report Ref. No. which forms part  
of this Certificate  
Comme indiqué dans le Rapport d'essais numéro de  
référence qui constitue partie de ce Certificat

1510056STO-001 and 1609235STO-001

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**Intertek Semko AB  
Box 1103  
SE-164 22 Kista, Sweden  
Int +46 8 750 00 00**Intertek**

Signature:

Bo Berglöf

Date: 7 April 2016

**Factories  
Les usines**

TDK-Lambda Corporation  
Nagaoka Technical Center  
2704-1 Settaya-machi, Nagaoka-shi, Niigata, 940-1195, JAPAN

Wuxi TDK-Lambda Electronics Co., Ltd.  
No. 6 Xing Chuang Er Lu Wuxi  
Jiangsu 214028, CHINA

TDK-Lambda (Malaysia) Sdn. Bhd.  
PLO33, Locked Bag No. 110, Kawasan Perindustrian Senai  
81400 Senai, Johor Darul Takzim, MALAYSIA

**Additional information  
Information complémentaire**

The suffix " \*\* " in the type designation *PAH450S48-\*\** can be any numbers and represent no impact on the safety of the products.

Models included within the scope of this report				
Model	DC Input		DC Output	
	V	A	V	A
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PAH450S48-28	36-76	16.5	28	16
PAH450S48-48	36-76	16.5	48	9.4
PAH450S48-132	43.2-52.8	12.5	132	2.2

This Certificate replace CB Certificate SE-80286, dated 5 August 2015.  
A new Certificate has been issued due to the addition of an alternative component.

End.

Date: 7 April 2016

Signature: 