

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50462492

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
SAF20191127001

Unser Zeichen *Our Reference*
ZTW1-FRS-50291884 001

Ausstellungsdatum *Date of Issue*
30.03.2020
(day/mo/yr)

Genehmigungsinhaber *License Holder*
XP Power Limited
401 Commonwealth Drive
Haw Par Technocentre, Lobby B,
#02-02 149598
Singapore

Fertigungsstätte *Manufacturing Plant*
040-0001487860

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111221294

Geprüft nach *Tested acc. to*
EN 62368-1:2014+A11

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Einbauschaltnetzteil (Switching Power Supply)

Bezeichnung (Type Designation): SDS60UXXXXYYYYYYYYYYY (XP) 5
XXX steht für (stands for) : S03, S05, S07, S09, S12, S15, 1
S19, S24, S30, S36, S48, D00, D01, D02, D03, D04, D05, D06, D07, D08, D09,
T00, T01, T02, T03, T04, T05, T06, T07, T08, T09, T10, T11, T12, T13, T14,
T15, T16, T17, UQ00, UQ01, UQ02, UQ03, UQ04, UQ05, UQ06, UQ07, UQ08,
UQ09, UQ10, UQ11, UQ12, UQ13, UQ14, UQ15, UQ16, UQ17, UQ18, UQ19, UQ20
Y steht für : jeder alphanumerische Charakter 1
(stands for) oder freibleibend (any alphanumeric
character or blank)

Nennspannung (Rated Voltage) : AC 100-240V, 47-63Hz
Nennstrom (Rated Current) : 2A
Ausgang (Output) : siehe Anlage (see appendix)
max. Umgebungstemperatur (max. Ambient Temperature) : 40°C
Schutzklasse (Protection Class) : I
Verschmutzungsgrad (Pollution Degree) : 2
max. Betriebshöhe (max. Operating Altitude) : 4,000m

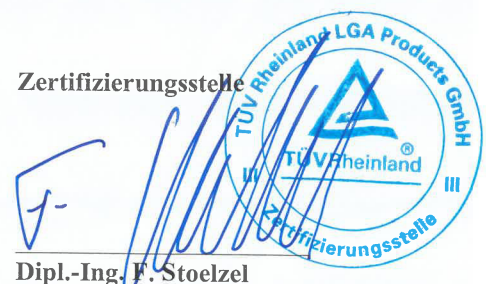
7

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. F. Staelzel

Appendix to TÜV approved Certificate No.: R 50462492

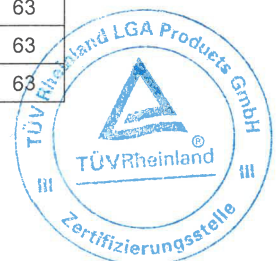
Certified Product : Switching Power Supply

Report Number : 50291884 001

Type Designation: SDS60UXXXYYYYYYYYYYYY ("XXX" is S03, S05, S07, S09, S12, S15, S19, S24, S30, S36, S48, D00, D01, D02, D03, D04, D05, D06, D07, D08, D09, T00, T01, T02, T03, T04, T05, T06, T07, T08, T09, T10, T11, T12 T13, T14, T15, T16, T17, UQ00, UQ01, UQ02, UQ03, UQ04, UQ05, UQ06, UQ07, UQ08, UQ09, UQ10, UQ11, UQ12, UQ13, UQ14, UQ15, UQ16, UQ17, UQ18, UQ19, UQ20 represents the output voltage and "Y" = any alphanumeric or blank, for marking purposes.)

Model output rating:

XP model	indicated A				indicated B				Max. Watt
	Output 1		Output 2		Output 3		Output 4		
	Vdc	A	Vdc	A	Vdc	A	Vdc	A	
SDS60US03YYYYYYYYYYYY	3-5	16.6-10.0	--	--	--	--	--	--	50
SDS60US05YYYYYYYYYYYY	5-6	11.0-9.16	--	--	--	--	--	--	55
SDS60US07YYYYYYYYYYYY	6-8	10.0-7.50	--	--	--	--	--	--	60
SDS60US09YYYYYYYYYYYY	8-11	7.87-5.72	--	--	--	--	--	--	63
SDS60US12YYYYYYYYYYYY	11-13	5.72-4.84	--	--	--	--	--	--	63
SDS60US15YYYYYYYYYYYY	13-16	4.84-3.93	--	--	--	--	--	--	63
SDS60US19YYYYYYYYYYYY	16-21	3.93-3.00	--	--	--	--	--	--	63
SDS60US24YYYYYYYYYYYY	21-27	3.00-2.33	--	--	--	--	--	--	63
SDS60US30YYYYYYYYYYYY	27-33	2.33-1.90	--	--	--	--	--	--	63
SDS60US36YYYYYYYYYYYY	33-40	1.90-1.57	--	--	--	--	--	--	63
SDS60US48YYYYYYYYYYYY	40-50	1.57-1.26	--	--	--	--	--	--	63
SDS60UD00YYYYYYYYYYYY	3.3	7	12	3	--	--	--	--	59.1
SDS60UD01YYYYYYYYYYYY	5	7	12	3	--	--	--	--	63
SDS60UD02YYYYYYYYYYYY	5	7	15	3	--	--	--	--	63
SDS60UD03YYYYYYYYYYYY	5	7	24	2	--	--	--	--	63
SDS60UD04YYYYYYYYYYYY	3.3	7	5	5	--	--	--	--	48.1
SDS60UD05YYYYYYYYYYYY	5	7	-24	2	--	--	--	--	63
SDS60UD06YYYYYYYYYYYY	3.3	5	48	1.25	--	--	--	--	63
SDS60UD07YYYYYYYYYYYY	5	5	28	2	--	--	--	--	63
SDS60UD08YYYYYYYYYYYY	5	5	35	1.5	--	--	--	--	63



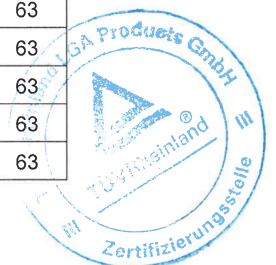
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Certified Product : Switching Power Supply

Report Number : 50291884 001

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SDS60UD09YYYYYYYYYYYYY	5	5	36	1.5	--	--	--	--	63
SDS60UT00YYYYYYYYYYYYY	3.3	6	12	3	-12	0.8	--	--	63
SDS60UT11YYYYYYYYYYYYY	3.3	6	12	3	12	0.8	--	--	63
SDS60UT06YYYYYYYYYYYYY	5	6	12	3	-5	0.8	--	--	63
SDS60UT12YYYYYYYYYYYYY	5	6	12	3	5	0.8	--	--	63
SDS60UT05YYYYYYYYYYYYY	5	6	12	3	-12	0.8	--	--	63
SDS60UT13YYYYYYYYYYYYY	5	6	12	3	12	0.8	--	--	63
SDS60UT07YYYYYYYYYYYYY	5	6	15	3	-15	0.8	--	--	63
SDS60UT14YYYYYYYYYYYYY	5	6	15	3	15	0.8	--	--	63
SDS60UT08YYYYYYYYYYYYY	5	6	15	3	-24	0.5	--	--	63
SDS60UT15YYYYYYYYYYYYY	5	6	24	2	24	0.5	--	--	63
SDS60UT09YYYYYYYYYYYYY	5	6	24	2	-12	0.8	--	--	63
SDS60UT10YYYYYYYYYYYYY	5	6	24	2	12	0.8	--	--	63
SDS60UT01YYYYYYYYYYYYY	3.3	6	12	3	-5	0.8	--	--	59.8
SDS60UT02YYYYYYYYYYYYY	3.3	6	12	3	5	0.8	--	--	59.8
SDS60UT16YYYYYYYYYYYYY	5	6	10	2	-10	1	--	--	60
SDS60UT17YYYYYYYYYYYYY	5	6	10	2	10	1	--	--	60
SDS60UT03YYYYYYYYYYYYY	3.3	5	5	5	12	1	--	--	53.5
SDS60UT04YYYYYYYYYYYYY	3.3	5	5	5	-12	1	--	--	53.5
SDS60UQ00YYYYYYYYYYYYY	3.3	6	12	3	-12	0.8	-5	0.8	63
SDS60UQ01YYYYYYYYYYYYY	3.3	6	12	3	-12	0.8	5	0.8	63
SDS60UQ07YYYYYYYYYYYYY	3.3	6	12	3	12	0.8	-5	0.8	63
SDS60UQ08YYYYYYYYYYYYY	3.3	6	12	3	12	0.8	5	0.8	63
SDS60UQ02YYYYYYYYYYYYY	5	6	12	3	-12	0.8	-5	0.8	63
SDS60UQ09YYYYYYYYYYYYY	5	6	12	3	-12	0.8	5	0.8	63
SDS60UQ10YYYYYYYYYYYYY	5	6	12	3	12	0.8	-5	0.8	63
SDS60UQ11YYYYYYYYYYYYY	5	6	12	3	12	0.8	5	0.8	63
SDS60UQ12YYYYYYYYYYYYY	5	6	12	3	-12	0.8	12	0.8	63
SDS60UQ13YYYYYYYYYYYYY	5	6	12	3	12	0.8	12	0.8	63
SDS60UQ14YYYYYYYYYYYYY	5	6	12	3	-12	0.8	-12	0.8	63
SDS60UQ15YYYYYYYYYYYYY	5	6	12	3	-12	0.8	-12	0.8	63
SDS60UQ03YYYYYYYYYYYYY	5	6	12	3	-12	0.8	24	0.8	63



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SDS60UQ16YYYYYYYYYYYY	5	6	12	3	12	0.8	24	0.8	63
SDS60UQ17YYYYYYYYYYYY	5	6	12	3	12	0.8	-24	0.8	63
SDS60UQ04YYYYYYYYYYYY	5	6	12	3	-12	0.8	-24	0.8	63
SDS60UQ05YYYYYYYYYYYY	5	6	15	3	-15	0.8	-5	0.8	63
SDS60UQ18YYYYYYYYYYYY	5	6	15	3	-15	0.8	5	0.8	63
SDS60UQ19YYYYYYYYYYYY	5	6	15	3	15	0.8	-5	0.8	63
SDS60UQ20YYYYYYYYYYYY	5	6	15	3	15	0.8	5	0.8	63
SDS60UQ06YYYYYYYYYYYY	5	1	24	1.8	-15	0.1	12	0.8	59.3

Date: Mar. 30, 2020



Certification Body

Dipl.-Ing. F. Stoelzel