

Eljintek, Inc.
Ms. Lydia Zhang

Date : 02.09.2020
Our ref. : JAL ZTW1
Your ref.: 238041364/GW060820

6F-1, No.286-3, Shin Ya Road
Chien Chen Dist.
Kaohsiung 806
Taiwan

Ref : S GS-Zeichen

Type of Equipment : Switching Power Supply
Model Designation : See Certificate
Certificate No. : S 50479839 0001
Report No. : 60400406 001

Dear Ms. Lydia Zhang,

Enclosed please find above certification documents.
Please forward these originals to the certificate holder.

If you contact our office, please quote our reference above.

We thank you for your cooperation.

the certificate holder is: MEAN WELL Enterprises Co., Ltd.

With kind regards,

Certification Body


Dipl.-Ing. F. Stoelzel

Enclosure

TÜV RHEINLAND TAIWAN LTD.

11F., No. 758, Sec. 4, Bade Rd.,
Songshan Dist., Taipei City 105,
Taiwan, R. O. C.
Tel. (02) 2172-7000
Fax (02) 2172-1322
<http://www.tuv.com>

NEW TAIPEI BRANCH:
No. 458-18 & 458-19,
Sec. 2, Fenliao Rd., Linkou Dist.,
New Taipei City 244,
Taiwan, R. O. C.
Tel. (02) 2172-1000
Fax (02) 2172-1322

TAICHUNG BRANCH:
No. 9, Lane 36, Sec. 3, Minsheng Rd.,
Daya Dist., Taichung City 428,
Taiwan, R. O. C.
Tel. (04) 2521-8888
Fax (04) 2521-8899

KAOHSIUNG BRANCH:
27F-3, No.80, Minzu 1st Rd.,
Sanmin Dist., Kaohsiung City 807,
Taiwan, R. O. C.
Tel. (07) 262-6000
Fax (07) 380-0577

MEAN WELL Enterprises Co., Ltd.
Mr. Johnny Huang Certification
Center/Manager
R & D Dept.
No. 28, Wuquan 3rd Rd.,
Wugu District,
New Taipei City 24891
Taiwan

Date : 02.09.2020
Our ref. : JAL ZTW1
Your ref.: 238041364/GW060820

Ref : S GS-Zeichen

Type of Equipment : Switching Power Supply
Model Designation : See Certificate
Certificate No. : S 50479839 0001
Report No. : 60400406 001

Dear Mr. Johnny Huang,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body


Dipl.-Ing. E. Stoelzel

cc: Eljintek, Inc.

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Tel. (07) 262-6000
Fax (07) 380-0577

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
S 50479839

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0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Längstens gültig bis <i>Latest expiration date</i>	<i>(day/mo/yr)</i>
238041364/GW060820	ZTW1-JAL-60400406 001	30.07.2025	

Genehmigungsinhaber *License Holder*
MEAN WELL Enterprises Co., Ltd.
No. 28, Wuquan 3rd Rd.,
Wugu District,
New Taipei City 24891
Taiwan

Fertigungsstätte *Manufacturing Plant*
040-0002002959

Prüfzeichen *Test Mark*

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



www.tuv.com
ID 1111228977

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Einbauschaltnetzteil (Switching Power Supply)

Bezeichnung (Type Designation)	: SGA18xb (MEAN WELL)	5
x steht für (stands for)	: A oder (or) C	1
b steht für (stands for)	: 03, 05, 07, 09, 12, 15, 18, 24, 28 oder (or) 48	1
Nennspannung (Rated Voltage):	AC 100-240V, 50/60Hz	
Nennstrom (Rated Current)	: 0.5A	
Ausgang (Output)	: siehe Anlage (see appendix)	
max. Betriebshöhe (max. Operating Altitude)	: 2000m	
Schutzklasse (Protection Class)	: I	
max. Umgebungstemperatur (max. Ambient Temperature):	40°C	

Hinweis: Dieses Netzgerät ist geprüft und erfüllt die Anforderungen nach Anhang Q.1 als Stromquelle mit begrenzter Leistung. (Remark: The equipment is also tested and complies with Annex Q.1 as limited power source.)

Hinweis: Anforderungen der AfPS GS 2019:01 PAK Klausel 3.1 berücksichtigt. (Remark: Requirements of AfPS GS 2019:01 PAK clause 3.1 considered.)

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Produkt und Fertigungsstätte erfüllen § 20 und § 21 des Produktsicherheitsgesetzes.

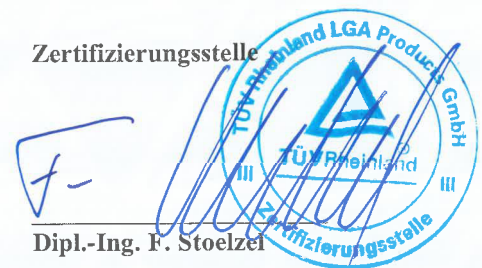
This certificate is based on our Testing and Certification Regulation. Product and production fulfill par § 20 and § 21 of the Product Safety Law.

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

Ausstellungsdatum *Date of Issue* : 02.09.2020 (day/mo/yr)

Zertifizierungsstelle



Dipl.-Ing. F. Stoelzel

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
S 50479839

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
238041364/GW060820

Unser Zeichen *Our Reference*
ZTW1-JAL-60400406 001

Längstens gültig bis
30.07.2025

Latest expiration date
(day/mo/yr)

Genehmigungsinhaber *License Holder*

MEAN WELL Enterprises Co., Ltd.
No. 28, Wuguang 3rd Rd.,
Wugu District,
New Taipei City 24891
Taiwan

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



www.tuv.com
ID 1111228977

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)	: 1) SGA12xb, SGAS12xb (MEAN WELL)	2
	GS15x-y, SGAS15xb (MEAN WELL)	2
	2) SGAS18xb (MEAN WELL)	1
x steht für (stands for)	: A oder (or) C	1
b steht für (stands for)	: 03, 05, 07, 09, 12, 15, 18, 24, 28 oder (or) 48	1
y steht für (stands for)	: 0, 1, 2, 3, 4, 5, 6, 7, 8, 11 oder (or) 1-1	1
Nennspannung (Rated Voltage):	AC 100-240V, 50/60Hz	
Nennstrom (Rated Current)	: 1) 0.4A, 2) 0.5A	
Ausgang (Output)	: siehe Anlage (see appendix)	

Hinweis: Dieses Netzgerät ist geprüft und erfüllt die Anforderungen nach Anhang Q.1 als Stromquelle mit begrenzter Leistung. (Remark: The equipment is also tested and complies with Annex Q.1 as limited power source.)

Hinweis: Anforderungen der AfPS GS 2019:01 PAK Klausel 3.1 berücksichtigt. (Remark: Requirements of AfPS GS 2019:01 PAK clause 3.1 considered.)

8

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Produkt und Fertigungsstätte erfüllen § 20 und § 21 des Produktsicherheitsgesetzes.
This certificate is based on our Testing and Certification Regulation. Product and production fulfill par § 20 and § 21 of the Product Safety Law.

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

Ausstellungsdatum *Date of Issue* : 02.09.2020 (day/mo/yr)

Zertifizierungsstelle



Dipl.-Ing. F. Stoelzel

Appendix to TÜV approved Certificate No.: S 50479839

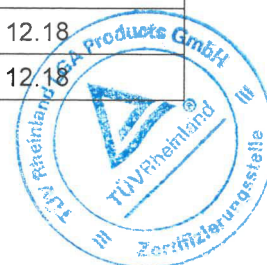
Certified Product : Switching Power Supply

Report Number : 60400406 001

Type Designation : SGA12xb, GS15x-y, SGA18xb, SGAS12xb, SGAS15xb,
 SGAS18xb (x= A or C; y= 0, 1, 2, 3, 4, 5, 6, 7, 8, 11 or 1-1; b=
 03, 05, 07, 09, 12, 15, 18, 24, 28, 48) (MEAN WELL)

Output Ratings :

Model name	Output Voltage (Vdc)	Output Current (A)	Max. Output power (W)
SGAS18x03, SGA18x03	3-5	2.7-1.62	8.1
SGAS18x05, SGA18x05	5-6	3.0-2.5	15
SGAS18x07, SGA18x07	6-8	2.5-1.87	16.5
SGAS18x09, SGA18x09	8-11	2.1-1.64	18.04
SGAS18x12, SGA18x12	11-13	1.64-1.38	18.04
SGAS18x15, SGA18x15	13-16	1.38-1.13	18.08
SGAS18x18, SGA18x18	16-21	1.13-0.86	18.08
SGAS18x24, SGA18x24	21-27	0.86-0.67	18.09
SGAS18x28, SGA18x28	27-33	0.67-0.55	18.15
SGAS18x48, SGA18x48	33-58	0.55-0.32	18.56
SGAS15x03, GS15x-0	3-5	2.4-1.46	7.3
SGAS15x05, GS15x-1	5-6	2.7-2.0	13.5
SGAS15x07, GS15x-11	6-8	2.5-1.8	15
SGAS15x09, GS15x-2	8-11	1.8-1.36	15
SGAS15x12, GS15x-3	11-13	1.36-1.15	15
SGAS15x15, GS15x-4	13-16	1.15-0.94	15
SGAS15x18, GS15x-5	16-21	0.94-0.72	15
SGAS15x24, GS15x-6	21-27	0.72-0.55	15
SGAS15x28, GS15x-7	27-33	0.55-0.45	15
SGAS15x48, GS15x-8	33-58	0.45-0.26	15
SGAS12x03, SGA12x03	3-5	2-1.2	6
SGAS12x05, SGA12x05	5-6	2.4-2.0	12
SGAS12x07, SGA12x07	6-8	2.0-1.5	12
SGAS12x09, SGA12x09	8-11	1.5-1.1	12.1
SGAS12x12, SGA12x12	11-13	1.1~0.93	12.1
SGAS12x15, SGA12x15	13-16	0.93~0.75	12.09
SGAS12x18, SGA12x18	16-21	0.75~0.58	12.18
SGAS12x24, SGA12x24	21-27	0.58~0.45	12.18



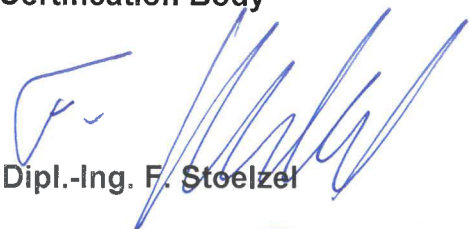
Appendix to TÜV approved Certificate No.: S 50479839

Certified Product : Switching Power Supply
Report Number : 60400406 001
Type Designation : SGA12xb, GS15x-y, SGA18xb, SGAS12xb, SGAS15xb,
SGAS18xb (x= A or C; y= 0, 1, 2, 3, 4, 5, 6, 7, 8, 11 or 1-1; b=
03, 05, 07, 09, 12, 15, 18, 24, 28, 48) (MEAN WELL)

Model name	Output Voltage (Vdc)	Output Current (A)	Max. Output power (W)
SGAS12x28, SGA12x28	27-33	0.45~0.37	12.15
SGAS12x48, SGA12x48	33-58	0.37-0.21	12.21

Date: 02 September, 2020

Certification Body


Dipl.-Ing. F. Stoezel

