

TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **95 007 - 10 HH**

Company **Mean Well Enterprises Co., Ltd.**

**No. 28, Wuquan 3rd Road, Wugu Dist.,
New Taipei City, TAIWAN (R.O.C)**

Product Description **Single Output Industrial DIN Rail Power Supply with PFC Function**

Type **SDR-120-12, SDR-120-24, SDR-120-48, SDR-480-24, SDR-480-48,
SDR-480P-24, SDR-480P-48**

Environmental Category **C, H, EMC2**

Technical Data /
Range of Application **Single Output Industrial DIN Rail Power Supply with PFC Function**

	SDR-480-24	SDR-480-48
Input	100...240V AC, 47...63Hz	100...240VAC, 47...63Hz
Output	24V DC	48V DC
Rated Current	20A	10A
Peak Current	30A	15A
Rated Power	480W	480W
Peak Power (3sec.)	720W	720W
Ripple&Noise (max.)	100mVp-p	120mVp-p

**Environmental Category "H": Cold test with -25°C / 2h
Vibration test with 2.3g (curve 4)**

Test Standard **GL Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**

Documents **Test reports: ATC SA911054(E) (2010/06/10), SA911054(V-3) (2010/06/25), SA911054(V-1+V-2) (2010/04/06), SA911054 (S) (2010/6/19); SGS EM/2009/B0045, EM/2009/B0046, EM/2009/BB047 (2010/06/11); ETC Electronics Testing Center no. 15-07-EAT-025-E00 (2015/07/07)**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007. For Power Supply range 200 ... 240V AC EMC1 is fulfilled.**

Valid until **2020-07-07**

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File No. **I.M.03**

Hamburg, 2015-08-17

Type Approval Symbol



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Marco Rinkel

Klaus-Peter Schröder

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Further Technical Data / Range of Application

Single Output Industrial DIN Rail Power Supply with PFC Function

	SDR-120-12	SDR-120-24	100...240VAC, 47...63Hz
Input	100...240V AC, 47...63Hz	100...240VAC, 47...63Hz	100...240VAC, 47...63Hz
Output	12V DC	24V DV C	48V DC
Rated Current	10A	5A	2.5A
Peak Current	15A	7.5A	3.75A
Rated Power	120W	120W	120W
Peak Power (3sec.)	180W	180W	180W
Ripple&Noise (max.)	100mVp-p	100mVp-p	120mVp-p

Single Output Industrial DIN Rail Power Supply with PFC and Parallel Function

	SDR-480P-24	SDR-480P-48
Input	100...240V AC, 47...63Hz	100...240V AC, 47...63Hz
Output	24V DC	48V DC
Rated Current	20A	10A
Peak Current	30A	15A
Rated Power	480W	480W
Peak power (3sec.)	720W	720W
Ripple&Noise (max.)	100mVp-p	120mVp-p

Further Documents

Circuit diagrams: SDR-120, SDR-480-24, SDR-480-48, SDR-480P-24, SDR-480P-48;

Data sheets: SDR-120-Spec, SDR-480-Spec, SDR-480P-Spec;

Installation and Operation: SDR-120, SDR-480

Valid until **2020-07-07**

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