

# Certificate of Conformity

NO.: ENS2112080120S00201C

The following product has been tested by us with the listed standards and found in conformity with the council LVD directive 2014/35/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant : Mornsun Guangzhou Science &Technology Co., Ltd.  
Address : No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong, 510670, P.R.China.

Manufacturer : Mornsun Guangzhou Science &Technology Co., Ltd.  
Address : No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong, 510670, P.R.China.

Trade Mark : **MORNSUN**<sup>®</sup>

EUT : DC-DC Converter

M/N : See the Appendix 1 and Appendix 2 and Appendix 3

Technical Data : Input: see Appendix 1  
Output: see Appendix 1 and Appendix 2 and Appendix 3

Test Standards : EN 62109-1: 2010

Version : Ver.1.0

*William Guo*

(Manager)

May 12, 2022



# Appendix 1

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## Model List

Type	Rated Power	DC Input VOC Voltage	Recommend VOC Voltage	MAX. DC Input Current	Rated Output Current	Rated Output Voltage
PV350-29B24	280W (for Input 300-400VDC) 350W (for Input 400-1500VDC)	300Vdc-1500Vdc	1100Vdc	2A	11.7A (for Input 300-400VDC) 14.6A (for Input 400-1500VDC)	24Vdc
PV350-29B24-A						
PV350-29B24-B						
PV350-29B24-C						
PV350-29B24-D						
PV350-29B24-TD						
PV350-29B24-WS						
PV350-29B24W						
PV350-29B24W-A						
PV350-29B24W-B						
PV350-29B24W-C						
PV350-29B24W-D						
PV350-29B28	280W (for Input 300-400VDC) 350W (for Input 400-1500VDC)	300Vdc-1500Vdc	1100Vdc	2A	10.0A (for Input 300-400VDC) 12.5A (for Input 400-1500VDC)	28Vdc
PV350-29B28-A						
PV350-29B28-B						
PV350-29B28-C						
PV350-29B28-D						
PV350-29B28W						
PV350-29B28W-A						
PV350-29B28W-B						
PV350-29B28W-C						
PV350-29B28W-D						

## Appendix 2

NO.: ENS2112080120S00201C

PV350-29B32	280W (for Input 300-400VDC) 350W (for Input 400-1500VDC)	300Vdc-1500Vdc	1100Vdc	2A	8.75A (for Input 300-400VDC) 10.95A (for Input 400-1500VDC)	32Vdc
PV350-29B32-A						
PV350-29B32-B						
PV350-29B32-C						
PV350-29B32-D						
PV350-29B32W						
PV350-29B32W-A						
PV350-29B32W-B						
PV350-29B32W-C						
PV350-29B32W-D						
PV350-29B24-TR	280W (for Input 300-400VDC) 350W (for Input 400-1500VDC)	300Vdc-1500Vdc	1100Vdc	2A	11.7A (for Input 300-400VDC) 14.6A (for Input 400-1500VDC)	24Vdc
PV350-29B24-TR-A						
PV350-29B24-TR-B						
PV350-29B24-TR-C						
PV350-29B24-TR-D						
PV350-29B24-TRW						
PV350-29B24-TRW-A						
PV350-29B24-TRW-B						
PV350-29B24-TRW-C						
PV350-29B24-TRW-D						
PV350-29B28-TR	280W (for Input 300-400VDC) 350W (for Input 400-1500VDC)	300Vdc-1500Vdc	1100Vdc	2A	10.0A (for Input 300-400VDC) 12.5A (for Input 400-1500VDC)	28Vdc
PV350-29B28-TR-A						
PV350-29B28-TR-B						
PV350-29B28-TR-C						
PV350-29B28-TR-D						
PV350-29B28-TRW						
PV350-29B28-TRW-A						
PV350-29B28-TRW-B						
PV350-29B28-TRW-C						
PV350-29B28-TRW-D						

## Appendix 3

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PV350-29B32-TR	280W (for Input 300-400VDC)  350W (for Input 400-1500VDC )	300Vdc-1500Vdc	1100Vdc	2A	8.75A (for Input 300-400VDC) 10.95A (for Input 400-1500VDC)	32Vdc
PV350-29B32-TR-A						
PV350-29B32-TR-B						
PV350-29B32-TR-C						
PV350-29B32-TR-D						
PV350-29B32-TRW						
PV350-29B32-TRW-A						
PV350-29B32-TRW-B						
PV350-29B32-TRW-C						
PV350-29B32-TRW-D						
Ambient temperature	-40 °C to +85 °C					
Insulation degree	Class I					
IP protection	IP00					