



Declaration of Conformity

Manufacturer:
CUI Inc.
15575 SW Sequoia Parkway, Suite 100
Portland, Oregon 97224

For the following equipment:

DC-DC Converter
CUI Series: PRA100
Models: 24V, 48V nominal input, see next page

This declaration of conformity is issued under the sole responsibility of the manufacturer.
The object of the declaration described above is in conformity with the relevant Union harmonization legislations and their amendments:

General Product Safety Regulation (EU)/2023/988
Low Voltage Directive 2014/35/EU (for product with nominal 48V input)
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU and (EU) 2015/863

References to the relevant harmonized standards used, including the date of the standard, or references to the other technical specifications, including the date of the specification, in relation to which conformity is declared:

Health & Safety EN IEC 62368-1:2020+A11:2020

IEC 62368-1:2018

EMC EN 55032:2015+A11:2020; EN 55035:2017+A11:2020

RoHS EN IEC 63000:2018

Note: These component level power supplies are intended exclusively for inclusion within other equipment. Protection against electric shock and Electromagnetic Compatibility (EMC) must be checked when the equipment is built-in a completed product or forms a part of a complete system.

An additional delta evaluation of the above-listed equipment concerning the differences between the requirements of the harmonized standard EN 62368-1:2014 (with all applicable corrections) and EN IEC 62368-1:2020, and IEC 62368-1:2018 has been performed and concludes that the safety objectives of the low-voltage targets (2014/35/EU) are met.



(manufacturer)

Link Lu
Product Compliance Specialist

Shenzhen, China

(place)

05/31/2025

(date)



(manufacturer)

Editha Vergara
Global Director, Safety, Environmental

Portland, Oregon, USA

(place)

05/31/2025

(date)

MODEL LIST

PRA100-24-SXX, PRA100-48-SXX (where XX = 5, 12, 24, 48, 54 denote output voltage)

Model	Input voltage (typ.)	Input voltage (range)	Output voltage (Vdc)
PRA100-24-S5	24	9-40	5
PRA100-24-S12	24	9-40	12
PRA100-24-S24	24	9-40	24
PRA100-24-S48	24	9-40	48
PRA100-24-S54	24	9-40	54
PRA100-48-S5	48	16.5-74	5
PRA100-48-S12	48	16.5-74	12
PRA100-48-S24	48	16.5-74	24
PRA100-48-S48	48	16.5-74	48
PRA100-48-S54	48	16.5-74	54

Note: Model name maybe followed by additional characters as described on below model naming configuration.

Model Naming Configuration

PRA100	-	XX	-	S	XX	X	X
I	-	II	-	III	IV	V	VI

I - Base Number: PRA100
II - Nom. Input Voltage: 24 = 24 V; 48 = 48 V
III - Output: S = single
IV - Output Voltage: 5 = 5 V; 12 = 12 V; 24 = 24 V; 48 = 48 V; 54 = 54 V
V - Mounting Style: blank = without baseplate
B = baseplate with M2.5 mounting insert
blank = Positive logic
N = Negative logic
VI - Remote ON/OFF Ctl:

REVISION HISTORY

rev.	description	date
1.0	initial release	05/31/25

The revision history provided is for informational purposes only and is believed to be accurate.