CUI INC
a bel group

Declaration of Conformity

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

For the following equipment:

DC-DC Converter
CUI Series: PXO78xxB-500-M-TR
Models: 24V 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 UK designated legislations (and their amendments) and relevant designated standards or other technical specifications.

UK SI 2016 no. 1101: The Electrical Equipment (Safety) Regulations 2016 for Electrical Equipment Used within Certain Voltage Limits - as amended in 2019, 2020

UK SI 2016 no. 1091: The Electromagnetic Compatibility Regulations 2016 - as amended in 2019, 2020

UK SI 2012 no. 3032: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 - as amended in 2019, 2020

References to the 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	BS EN IEC 62368-1:2020+A11:2020
EMC	BS EN 55032:2015+A1:2020; BS EN 55035:2017+A11:2020
RoHS	BS 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.

Approved by:

(manufacturer)	**Portland, Oregon, USA** (place)	**07/07/2025** (date)

Editha Vergara
Senior Director, Product Compliance

UK Representative:

(manufacturer)	**Maidstone, UK** (place)	**07/07/2025** (date)

Cliff Gore
European Sales Director
Bel Power Solutions

MODEL LIST

PXO78xxB-500-M-TR-zzzzz (where xx = 03, 05, 12 denote output voltage; zzzzz = 0-9, A-Z, a-z or blank, represent special requirement by different customer, when "zzzzz" is blank, the "-" before "zzzzz" is not displayed.)

Model	Input voltage (typ.)	Input voltage (range)	Output voltage (Vdc)
PXO7803B-500-M-TR	24	4.75-36	3.3
PXO7805B-500-M-TR	24	6.5-36	5
PXO7812B-500-M-TR	24	15-36	12
Note: Model name maybe followed by additional characters as described on below model naming configuration.			

Model Naming Configuration

PXO78	**XX**	**B**	**-**	**500**	**-**	**M**	**-**	**TR**
I	II		-	III	-	IV	-	V

I	–	Base Number:	PXO78
II	–	Output Voltage:	03 = 3.3 V; 05 = 5 V; 12 = 12 V
III	–	Output Current:	500 = 500 mA
IV	–	Packaging Style:	M = SMD
V	–	Packaging Option:	TR = tape & reel

REVISION HISTORY

rev.	description	date
1.0	initial release	07/07/25

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