CUI INC
a bel group

CE

Declaration of Conformity

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

For the following equipment:

AC-DC External Power Supply
CUI Series: SDI160-U
Models: 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:

Low Voltage Directive 2014/35/EU
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU and (EU) 2015/863
Eco Design Directive 2009/125/EC (for external PSU)

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 EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A2:2021
RoHS	EN IEC 63000:2018
Eco Design	ErP 2019/1782

Note: 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.

	Shenzhen, China	**02/24/2025**
(manufacturer)	(place)	(date)

Link Lu
Product Compliance Specialist

	Portland, Oregon, USA	**02/24/2025**
(manufacturer)	(place)	(date)

Editha Vergara
Global Director, Safety, Environmental

MODEL LIST

SDI160-XX-U (where XX = 12, 19, 24, 48, 56 denote output voltage)

Model	Input voltage (Vac)	Frequency (Hz)	Input current (A)	Output voltage (Vdc)
SDI160-12-U	100-240	50-60	2.2	12
SDI160-19-U	100-240	50-60	2.2	19
SDI160-24-U	100-240	50-60	2.2	24
SDI160-48-U	100-240	50-60	2.2	48
SDI160-56-U	100-240	50-60	2.2	56

Model Naming Configuration

SDI160	**-**	**XX**	**-**	**U**	**X**	**-**	**P51**	**-**	**CXX**
I	-	II	-	III	IV	-	V	-	VI

I	–	Base Number:	SDI160
II	–	Output Voltage:	12 = 12 V; 19 = 19 V; 24 = 24 V; 48 = 48 V; 56 = 56 V
III	–	AC Inlet Type:	U = IEC320/C14
IV	–	Input Cable:	blank = No cable C = North America input cable 2 = Europe input cable 3 = United Kingdom input cable 4 = Australia input cable 5 = China input cable 6 = South Korea input cable 7 = Brazil input cable 8 = South Africa input cable 9 – Japan input cable
V	–	DC Plug Type:	See Product Specification P51 = 4 Pin Power DIN
VI	–	Options suffix:	Reserved for Custom Configurations

REVISION HISTORY

rev.	description	date
1.0	initial release	11/21/24
1.01	Update EN 61000-3-3 standard to A2:2021	02/24/25

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