



## 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: SWI6D**  
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+A1:2020; 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.



(manufacturer)

Link Lu  
Product Compliance Specialist

**Shenzhen, China**

(place)

**05/09/2025**

(date)



(manufacturer)

Editha Vergara  
Global Director, Safety, Environmental

**Portland, Oregon, USA**

(place)

**05/09/2025**

(date)

## MODEL LIST

SWI6D-xxxzzz-c-y-e (xxx = 040-120, stands for rated output voltage 4.0-12.0Vdc; zzz = 001-120, stands for rated output current 0.01-1.20A; c = N, E, B, A, C, I, F, G, Z, S, stands for different AC plug type, N for United States or Japan fixed plug, E for European fixed plug, B for United Kingdom fixed plug, A for Australia fixed plug, C for China fixed plug, I for India fixed plug, F for Korea fixed plug, G for Argentina fixed plug, Z for Brazil fixed plug, S for South Africa fixed plug; y = C or U, C stands for output with DC cord, U stands for output with USB socket for 5Vdc only; e = A-Z or 0-9 or blank, stands for marketing purpose only, no safety impact)

| Model              | Part Number         | Input voltage (Vac) | Frequency (Hz) | Input current (A) | Output voltage (Vdc) |
|--------------------|---------------------|---------------------|----------------|-------------------|----------------------|
| SWI6D-050100-c-C-e | SWI6D-050100-c-C-e  | 100-240             | 50/60          | 0.18              | 5                    |
| SWI6D-050120-c-C-e | SWI6D-050120-c-C-e  | 100-240             | 50/60          | 0.18              | 5                    |
| SWI6D-059100-c-C-e | SWI6D-059100-c-C-e  | 100-240             | 50/60          | 0.18              | 5.9                  |
| SWI6D-075080-c-C-e | SWI6D-075080-c-C-e  | 100-240             | 50/60          | 0.18              | 7.5                  |
| SWI6D-090066-c-C-e | SWI6D-090066-c-C-e  | 100-240             | 50/60          | 0.18              | 9                    |
| SWI6D-120050-c-C-e | SWI6D-120050-c-C-e  | 100-240             | 50/60          | 0.18              | 12                   |
| SWI6D-050100-c-U-e | SWI6AD-050100-c-U-e | 100-240             | 50/60          | 0.18              | 5                    |

Note: Part Number maybe followed by additional characters as described on below model naming configuration.

## Model Naming Configuration

| <b>SWI6D</b> | <b>-</b> | <b>XXX</b> | <b>XXX</b> | <b>-</b> | <b>X</b> | <b>-</b> | <b>X</b> | <b>-</b> | <b>X</b> |
|--------------|----------|------------|------------|----------|----------|----------|----------|----------|----------|
| I            | -        | II         | III        | -        | IV       | -        | V        | -        | VI       |

|     |   |                       |  |
|-----|---|-----------------------|--|
| I   | - | Base Number:          | SWI6D = fixed blade with output cord<br>SWI6AD = fixed blade with USB port   |
| II  | - | Output Voltage:       | 050 = 5 V; 059 = 5.9 V; 075 = 7.5 V; 090 = 9 V; 120 = 12 V   |
| III | - | Output Current:       | 050 = 0.5 A; 066 = 0.66 A; 080 = 0.8 A; 100 = 1 A; 120 = 1.2 A   |
| IV  | - | AC Input Type (plug): | N = United States or Japan fixed plug;<br>E = European fixed plug;<br>B = United Kingdom fixed plug;<br>A = Australia fixed plug;<br>C = China fixed plug;<br>I = India fixed plug;<br>F = Korea fixed plug;<br>G = Argentina fixed plug;<br>Z = Brazil fixed plug;<br>S = South Africa fixed plug |
| V   | - | Output:               | C = output with DC cord;<br>U = output with USB socket for 5Vdc only   |
| VI  | - | Options suffix:       | e = A-Z or 0-9 or blank, stands for marketing purpose only, no safety impact   |

## **REVISION HISTORY**

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| <b>rev.</b> | <b>description</b> | <b>date</b> |
|-------------|--------------------|-------------|
| 1.0         | initial release    | 05/09/25    |

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