



FEATURES

- 90~264 VAC Universal Input
- Meets CEC Regulation, Efficiency Level V
- USB Socket Type for 5V/1A Output Only
- Interchangeable Plugs Available



ELECTRICAL SPECIFICATIONS

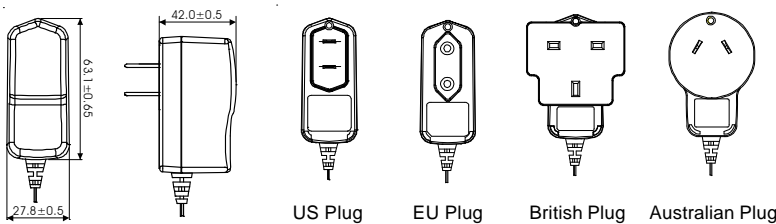
Input Voltage ..... 90~264 VAC  
 Input Frequency ..... 47~63 Hz  
 Input Current ..... 0.3A (rms) max.  
 Output Power ..... 5~7W  
 Output Voltage ..... 3V~27V; CEC level V and ErP  
 Step 2 (5V~27V models only)  
 Standby Power ..... 0.3W max. at no load  
 Voltage Regulation ..... ±5% max.  
 Efficiency @ Full Load ..... 65% min.  
 Operating Temperature ..... -10°C to +50°C  
 Derating ..... Derate linearly from 100% load  
 @ 40°C to 75% load @ 50°C  
 Storage Temperature ..... -20°C to +85°C  
 Operating Humidity ..... 20% to 90% RH  
 Protections ..... OVP, OLP, Short-circuit  
 Withstand Voltage ..... 3000 VAC from input to output  
 Output Connector ..... 5 ft. DC cable with barrel plug  
 or USB socket on case

STANDARDS & COMPLIANCES

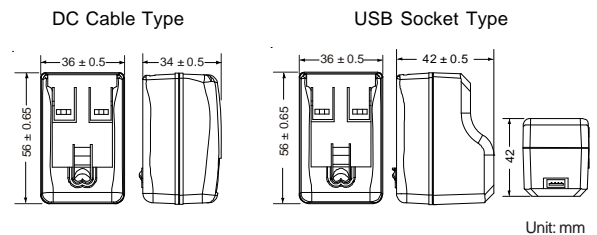
Safety Standards ..... UL60950-1, EN60950-1  
 Agency Approvals ..... UL, cUL, CB, CE  
 EMI Standards ..... EN55022, Class B  
 EMC Standards ..... EN61000-3-2, EN61000-3-3,  
 EN61000-4-2, EN61000-4-3,  
 EN61000-4-4, EN61000-4-5,  
 EN61000-4-6, EN61000-4-8,  
 EN61000-4-11, EN55024  
 Other Standards ..... CEC, ErP, RoHS, LPS, PSE

MECHANICAL SPECIFICATIONS

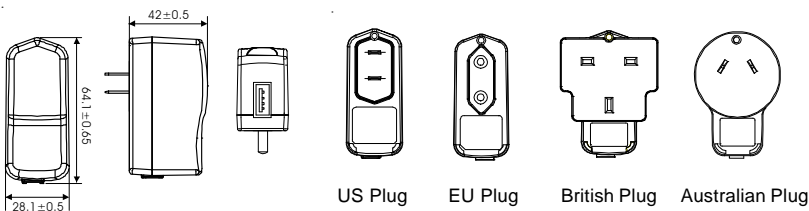
Fixed AC Plug with DC Output Cable



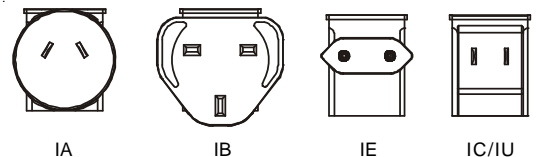
Body for Interchangeable Plugs (I)



Fixed AC Plug with USB DC Socket



Interchangeable Plugs



MODELS LIST

| Product No. | Output Voltage | Output Current | Max. Output Power |
|-------------|----------------|----------------|-------------------|
| TVW7-3-X    | 3~5V           | 1.67~1A        | 5W                |
| TVW7-5-X    | 5~6V           | 1.20~1A        | 6W                |
| TVW7-7-X    | 6~8V           | 1~0.75A        | 6W                |
| TVW7-9-X    | 8~11V          | 0.75~0.55A     | 6W                |
| TVW7-12-X   | 11~13V         | 0.64~0.54A     | 7W                |
| TVW7-15-X   | 13~16V         | 0.54~0.44A     | 7W                |
| TVW7-18-X   | 16~21V         | 0.44~0.33A     | 7W                |
| TVW7-24-X   | 21~27V         | 0.33~0.26A     | 7W                |

Note: X = AC plug code. See the tables and drawings below for details.

| X | AC Wall Mount Plug |
|---|--------------------|
| U | US Plug            |
| A | Australian Plug    |
| E | EU Plug            |
| B | British Plug       |

| X  | Interchangeable Plug           |
|----|--------------------------------|
| I  | Body for Interchangeable Plugs |
| IU | US Plug                        |
| IC | China Plug                     |
| IA | Australian Plug                |
| IE | EU Plug                        |
| IB | British Plug                   |

Ordering Information

1. Specify the output voltage and AC plug code when ordering, e.g. TVW7-12-U for 12V, US plug with DC cable type.
2. Add suffix "P" to order units with a built-in USB DC connector, e.g. TVW7-5-EP for 5V, European plug with USB socket.
3. For interchangeable plug orders, at least one interchangeable plug must be ordered together with the "main body" (X = I), e.g. TVW7-5-IUP for 5V/1A, USB socket, interchangeable body with EU plug.
3. Contact TRUMPower for output connector options.

Unit: mm

#TVW7-2011-0520-1