FEATURES

- Certified for Use in Home Healthcare Environments
- Compliant with IEC 60601-1 Edition 3.1
- Compliant with IEC 60601-1-2 Edition 4.0
- Compliant with IEC 60601-1-11 2nd Edition
- Compliant with CEC Level V & ErP Step 2
- UL, cUL, TUV, CB, CE Approved

INPUT SPECIFICATIONS

Input Voltage Range .......... 90-264 VAC
Input Frequency ............... 47-63 Hz
Input Current ................ 0.15A rms max.
Inrush Current ............... 40A @ 240 VAC, 25°C cold start
Touch Current ................ 10 µA typical
No Load Power Cons. .......... 0.3W max.

STANDARDS & COMPLIANCE

IEC/EN 60601-1-2:2014 ...... EMC & Immunity Performance
EN 55011, CISPR 11, FCC .... Class B, conducted & radiated
EN 61000-3-2 ................ Harmonic distortion, Class A
EN 61000-3-3 ................. Line fluctuations & flicker
EN 61000-4-2 ................. ESD, ±15 KV air and ±8 KV contact
EN 61000-4-3 ................. Radiated immunity, 10V/m
EN 61000-4-4 ................. Fast transient/burst, ±2 KV
EN 61000-4-5 ................. Surge, ±1 KV diff., ±2 KV com.
EN 61000-4-6 ................. Conducted immunity, 6 Vrms
EN 61000-4-8 ................. Magnetic field immunity, 30A/m
EN 61000-4-11 .......... Voltage dip immunity,
                       30% reduction for 500ms,
                       60% reduction for 100ms,
                       >95% reduction for 10ms
Safety Standards ............. IEC/EN/UL 60601-1 (Edition 3.1)
                           CSA C22.2 No. 60601-1 (2014)
                           IEC 60601-1-11 (2nd Edition)
Agency Approvals ............ UL, cUL, TUV, CE, CB
Other Compliance .......... IP22, RoHS, CEC Level V, ErP 2

OUTPUT SPECIFICATIONS

Output Voltage ............... 5 VDC
Output Current ............... 1A, max.
Line Regulation .............. ±1% max.
Load Regulation .............. ±5% max.
Ripple and Noise* .......... 100mVp-p max.
Over Voltage Protection ...... Shut down
Short Circuit Protection ...... Shut down; Auto-recovery
Over Current Protection ...... Shut down, Auto-recovery
Hold-up Time ............... 10 ms @ full load
Transient Response .......... 0.5 ms @ 50% load change
Temperature Coefficient ...... ±0.04%/°C max.

* Measured with 20MHz bandwidth at rated line voltage and output load ranges, with
a 10uF tantalum capacitor in parallel with a 0.1uF ceramic capacitor in parallel
across the output.

GENERAL SPECIFICATIONS

Efficiency .................... 75% typical
Operating Temperature ...... -10°C to +60°C
Derating ...................... Derate linearly from 100% load
                           @ 40°C to 50% @ 60°C
Storage Temperature ......... -20°C to +85°C
Operating Humidity .......... 20% to 90% non-condensing
Storage Humidity .......... 10% to 90% non-condensing
Withstand Voltage .......... 4,000 VAC, input-output (2MOPP)
MTBF .......................... 300 Khrs minimum at full load,
                           25°C ambient, calculated per
                           Telecordia SR-332

ORDERING INFORMATION

P/N: TMW7-5-X Y S

<table>
<thead>
<tr>
<th>Code X</th>
<th>AC Plug</th>
</tr>
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<tbody>
<tr>
<td>U</td>
<td>Fixed US Plug</td>
</tr>
<tr>
<td>E</td>
<td>Fixed EU Plug</td>
</tr>
<tr>
<td>B</td>
<td>Fixed UK Plug</td>
</tr>
<tr>
<td>A</td>
<td>Fixed Aus. Plug</td>
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<tr>
<td>I</td>
<td>*Main Body without plug</td>
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</table>

<table>
<thead>
<tr>
<th>Code Y</th>
<th>Output Connector</th>
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</thead>
<tbody>
<tr>
<td>P</td>
<td>USB type A receptacle on case</td>
</tr>
<tr>
<td>MA</td>
<td>Mini-A plug on molded cable</td>
</tr>
<tr>
<td>MB</td>
<td>Mini-B plug on molded cable</td>
</tr>
<tr>
<td>UA</td>
<td>Micro-A plug on molded cable</td>
</tr>
<tr>
<td>UB</td>
<td>Micro-B plug on molded cable</td>
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<table>
<thead>
<tr>
<th>Interchangeable Plug</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>US Plug</td>
<td>TRM-IPU</td>
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<tr>
<td>EU Plug</td>
<td>TRM-IPE</td>
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<tr>
<td>UK Plug</td>
<td>TRM-IPB</td>
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<tr>
<td>AU Plug</td>
<td>TRM-IPA</td>
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Note: Add suffix W to the P/N for white colored version, e.g. TMW7-5-UPSW, TMW7-5-IPSW, TMW7-5-EUBSW, TRM-IPUW, etc.
MECHANICAL SPECIFICATIONS

Fixed AC Plug with DC Output Cable

Main Body for Interchangeable Plugs

DC Cable Type

USB Socket Type

Notes:
1. Unit:mm
2. Weight: 80 grams approx.
3. Color: Black (standard) or White (optional; suffix W)