Power supplies by TURCK offer unparalleled functionality and quality. They are powerful, durable and offer a high degree of flexibility in any industrial application.

TURCK power supplies are extremely resistant to harsh environmental conditions. The modules are vacuum encapsulated in potting material that provides self extinguishing capability and meets UL94-VO. Other advantages of vacuum encapsulation include:

- Extended service life by providing efficient heat dissipation of power semiconductors
- Minimizes the required air gap between devices (0.4 mm according to EN 60 950)
- Increased environmental protection, IP 67
- Insensitive to shock and vibration
- Flange mounting either on or off machine

PSU67 - Encapsulated Series (IP 67)

To address a growing trend in the industrial automation marketplace, the PSU67 power supply modules were designed for on-machine and factory floor installations, with the elimination of a traditional protective enclosure. Literally, these power supplies can be mounted and used anywhere.

TURCK’s power supplies use a unique thermoselective vacuum encapsulation process that facilitates use in extremely harsh environmental conditions, including washdown applications.

TURCK’s IP 67 power supply will quickly emerge as the de facto standard
**Specifications**

- **Part Number ID Number**
  - PSU67-11-2420/M M6884140
  - PSU67-11-2440/M M6884141

- **Output Power**: 50 W, 100 W, 200 W (Future Dual Output)
- **Input Voltage Range**: 90-264 VAC / 110-375 VDC
- **Output Voltage**: 24 VDC
- **Efficiency**: Up to ≥90%
- **Isolation Protection**: 3.3 kVAC
- **Ambient Temperature**: -25 to +60°C (-13 to +140°F)
- **Case, Potting Material**: UL94-VO / Vacuum Encapsulated
- **Protection Class**: II
- **Derating**: 2% K max
- **Connection Type**: 7/8-16UN *minifast*®
- **Mounting**: Flange
- **Approvals**: UL, CE, CAN/CSA

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID Number</th>
<th>Wattage</th>
<th>V Output</th>
<th>I Output</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
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<tr>
<td>PSU67-11-2420/M</td>
<td>M6884140</td>
<td>50</td>
<td>24 VDC</td>
<td>2 A</td>
<td>166 x 85 x 35</td>
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<tr>
<td>PSU67-11-2440/M</td>
<td>M6884141</td>
<td>100</td>
<td>24 VDC</td>
<td>4 A</td>
<td>166 x 85 x 35</td>
</tr>
</tbody>
</table>

- **TURCK** power supplies are 30% smaller than competition
- A smooth surface makes the power supplies ideal for food, beverage and pharmaceutical applications
- **TURCK** power supplies reduce installation costs and simplify connectivity

**TURCK IP 67 power supplies** offer unparalleled functionality and quality. They are exceptionally powerful, environmentally resistant and extremely small. Truly innovative and exactly what the automation industry is looking for in a power supply solution.
### Accessories

#### Input Power Cable
- **WK** 30-*M  Right Angle Female/Input Power
- **RK** 30-*M  Straight Female/Input Power

#### Output Power Cable to Power DeviceNet™ Trunk
- **RSM** 40-*WKM 50/DN

#### Output Power cable to Power FDNP Auxiliary Power
- **RSM** 40-*WKM

#### Output Power Cable to Power BL67-GW-DP, EN or FLDP Stations
- **RSM** 40-*WKM 50/BL67

#### Field Wireable Connectors
- **B 4131-0/9**  Straight Female/Input Power
- **B 4231-0/9**  Right Angle Female/Output Power
- **BS 4131-0/9**  Straight Male/Input Power
- **BS 4231-0/9**  Right Angle Male/Output Power

* Length in Meters.

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Finally, an IP 67 power supply that can be machine mounted without a protective enclosure.