Power Distribution Illumination System, Electrical (PDISE)

Ruggedized, Mature Design Deployed and In Use By the US Military for Over 29 Years

Features:
- Rugged and Reliable
- Man-Portable
- Easy to Setup and Use
- Safety:
  - Eliminates Hazardous Workarounds
- Reduces Overall Logistics Footprint Through Use of Centralized Power
- PDISE Provides Everything Needed to “Plug-In” Power From a Generator

Mobile Electric Power Distribution Equipment:
Distributes Power from Generators to Duplex Receptacles
Compatible with DOD Gen Sets from 5kW to 200kW
Line Distance of Up to 300 Feet From Generator to Load
M46 Utility Kit contains cables, lights and duplex receptacles for field applications

Simulation and Training  ■  Field Services  ■  Military and Aerospace Manufacturing

2501 Kutztown Road, Reading, PA 19605
(p) 610.929.3330  800.743.5492  (f) 610.929.1969  www.fidelitytech.com
# Power Distribution
Illumination System, Electrical (PDISE)

## Key Specifications:

<table>
<thead>
<tr>
<th>Feature</th>
<th>PDISE Model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>200A</td>
</tr>
<tr>
<td></td>
<td>Feeder</td>
</tr>
<tr>
<td>Weight (lb)</td>
<td>130</td>
</tr>
<tr>
<td>Length (in)</td>
<td>33.5</td>
</tr>
<tr>
<td>Width (in)</td>
<td>23</td>
</tr>
<tr>
<td>Height (in)</td>
<td>20.4</td>
</tr>
<tr>
<td>Frequency Rating (Hz)</td>
<td>50/60</td>
</tr>
<tr>
<td>Number of Phases</td>
<td>3</td>
</tr>
<tr>
<td>Max Current/Phase (A)</td>
<td>200</td>
</tr>
<tr>
<td>Max Output Load (kW)</td>
<td>72</td>
</tr>
</tbody>
</table>

### Input Connectors:
- 200 A/3 Phase: 1
- 100 A/3 Phase: 1
- 40 A/3 Phase: 1
- 60 A/1 Phase: 1

### Output Connectors:
- 100 A/3 Phase: 3
- 40 A/3 Phase: 2
- 60 A/3 Phase: 4
- 60 A/1 Phase: 1
- 20 A/1 Phase: 1

## Sample Implementation:

### Notes:
- A – 200-AMP, 3 PHASE CONNECTOR
- B – 100-AMP, 3 PHASE CONNECTOR
- C – 60-AMP, 3 PHASE CONNECTOR
- D – 40-AMP, 3 PHASE CONNECTOR
- E – 20-AMP, SINGLE PHASE CONNECTOR

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