

**TESTER / ANALYZER SPECIFICATIONS**



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| <b>Model No:</b> PE-BT-03                                                                                                                                                                                                                                                                                                                                                                    |
| <b>DC Input:</b> <ul style="list-style-type: none"> <li>• 9V from internal replicable battery (alkaline or lithium)</li> <li>• 9V from AC/DC wall bug power supply</li> </ul>                                                                                                                                                                                                                |
| <b>Communication:</b> SMBus spec v1.1; SBD v1.1                                                                                                                                                                                                                                                                                                                                              |
| <b>Battery Connection:</b> <ul style="list-style-type: none"> <li>• Tester docking station <b>or</b> tester cable (LEMO connector)</li> <li>• Optional cable with Glenair connector (P/N: PE-CC-BTG-01)</li> </ul>                                                                                                                                                                           |
| <b>LED Indicators:</b> <ul style="list-style-type: none"> <li>• <b>Green</b> – Passed Test</li> <li>• <b>Red #1</b> – Failed Test</li> <li>• <b>Red #2</b> – Internal Battery Low</li> </ul>                                                                                                                                                                                                 |
| <b>Test Buttons:</b> <ul style="list-style-type: none"> <li>• <b>ON</b> – Turns the tester on</li> <li>• <b>TEST</b> – Initiates charge, discharge and SMBus communication functional capability test</li> <li>• <b>DATA</b> – Initiates download of SBD data via SMBus</li> <li>• <b>↑ and ↓</b> – Scroll through SBD data download</li> <li>• <b>OFF</b> – Turns the tester off</li> </ul> |
| <b>Weight:</b> 0.8 lbs. ( 0.363Kg) with 9V battery installed                                                                                                                                                                                                                                                                                                                                 |
| <b>Dimensions:</b> 8.3" x 1.6" x 4.4" (21.1cm x 4.1cm x 11.2cm)                                                                                                                                                                                                                                                                                                                              |
| <b>Recommended Testing Temp:</b> 0° C to +45° C (32°F to +113°F)                                                                                                                                                                                                                                                                                                                             |
| <b>Operating Temp:</b> -20°C to +50°C (-4°F to +122°F)                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Temp:</b> -40° C to +70° C (-40°F to +158°F)                                                                                                                                                                                                                                                                                                                                      |
| <b>Humidity:</b> 95% relative                                                                                                                                                                                                                                                                                                                                                                |
| <b>Color:</b> Light Gray                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Exterior Case:</b> High Impact ABS; UL 94V-0                                                                                                                                                                                                                                                                                                                                              |
| <b>Harmonized Tariff Code:</b> 8504.40.9550                                                                                                                                                                                                                                                                                                                                                  |

**APPLICATIONS**

- Testing for remote, field and depot settings

**KEY FEATURES**

- Functional test sequence verifies:
  - Charge function capability
  - Discharge function capability
  - SMBus communication function capability
- SBD data download test sequence provides the following:
  - Battery capacity
  - State-of-charge (SOC)
  - Battery voltage
  - Battery temperature
  - Cycle count
- LCD display for SBD data download
- LED displays for testing status

**BENEFITS**

- Enhances mission reliability – pre-deployment checks ensure good batteries are being fielded
- Maximizes battery use reducing battery replacement costs
- Battery preventative maintenance programs
- Battery general fault analysis

**TESTS THE FOLLOWING BATTERIES**

- **Lithium Ion**
  - PB-LW-01 • PB-LW-01-NC • PB-LW-02
  - PB-LW-02-NC • PB-LW-03 • PB-LW-04
  - PB-LW-05 • PB-LW-05-01 • PB-LW-06
  - PB-LW-07 • PB-LW-08 • PB-LWH-01
  - PB-LWH-01-NC • PB-LWH-02 • PB-LWH-02-NC
  - PB-LWH-03 • PB-LWH-04 • PB-LWH-05
  - PB-LWH-05-01 • PB-LWH-06 • PB-LWH-06-NC
  - PB-LWH-07 • PB-LWH-08 • UBBL03 • LI-7
  - UBBL06 • LI-145 • UBBL08 • LI-80 • UBBL12
  - UBBL06-01 • LI-175 • BT-70867BE • BT-70868BK

