

# MB-CWB-200

## CWB 3.6.2 InvincStable 200Wh Conformal Wearable Battery

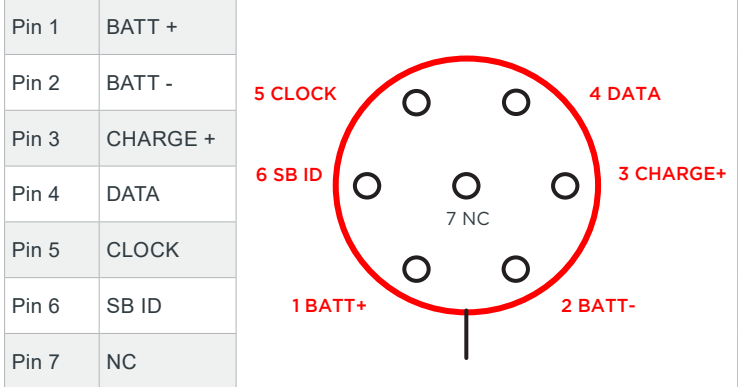
- Highest energy density CWB
- MIL-PRF-32383/4X Qualified, Mission Capable



Advanced Features	
<b>Warfighter Safe</b>	<ul style="list-style-type: none"> <li>• Ballistic impact/Penetration safe</li> <li>• Water safe: immersible</li> <li>• Electrically safe: 3 levels of charge/discharge safety protection</li> <li>• Wide temperature operating range</li> <li>• EMI/RFI/EMC protection</li> </ul>
<b>Innovative &amp; Patented Design</b>	<ul style="list-style-type: none"> <li>• FlexPack conformal design technology</li> <li>• Flexes across both horizontal &amp; vertical axes</li> <li>• Lightweight &amp; thin profile optimizes ergonomics</li> <li>• State of Charge (SOC) Informational Character Display (ICD)</li> </ul>
<b>Ruggedized for Military (Operation &amp; Storage)</b>	<ul style="list-style-type: none"> <li>• MIL-STD-810G Tested</li> <li>• MIL-STD-461 EMI/EMC Tested</li> <li>• Long Service Life, 500+ Cycles (80% Capacity Remains)</li> <li>• Charges as Low as -20°C</li> <li>• No Memory Effect</li> <li>• Enhanced Case Ruggedization</li> </ul>
<b>Military Systems Interoperability</b>	<ul style="list-style-type: none"> <li>• Nett Warrior</li> <li>• Smart Soldier Systems</li> <li>• Small Unit Power</li> <li>• Expeditionary Power</li> <li>• Warfighter Worn Integrated Power (Central Power)</li> <li>• Anti-Ballistic Plate Holder / Pouch Compatible</li> <li>• SMBus 1.1 Compliant</li> <li>• Power Managers / Power Hubs</li> </ul>

<b>Part Number</b>	993513-US
<b>Model Number</b>	MB-CWB-200-r01
<b>NSN Number</b>	6140-01-705-6042
<b>Nominal Voltage</b>	15.2V
<b>Nominal Capacity</b>	12.9Ah, C/5 Rate, 23°C
<b>Maximum Discharge Current</b>	5.0A Continuous
<b>Energy / Total Power</b>	196 Wh
<b>USB Power Only</b>	Type A Socket, 7.5W, 1.5A, 5V
<b>Chemistry</b>	Li-ion
<b>Communication</b>	SMBus v1.1
<b>Weight</b>	2.8 lbs (1.27 kg)
<b>Dimensions</b>	7.7" x 8.7" x 0.70" (196 mm x 221 mm x 18 mm)
<b>Cycle Life</b>	80% Capacity after 500 cycles
<b>Operating Temperature</b>	-30°C to 60°C
<b>Charging Temperature</b>	-20°C to 55°C
<b>Storage Temperature</b>	-32°C to 71°C
<b>Primary Mating Connector</b>	Glenair 807-309-06ZNU6-6PY (6 Pin) or 7DY (7 Pin)
<b>Transportation</b>	IATA Certified/UN-Class 9/SDS 993513
<b>Water Immersion</b>	1 Meter for 2 Hrs (MIL-STD 810G/Method 512.5)
<b>EMI Standards</b>	MIL-STD 461
<b>Recommended Chargers</b>	
<b>Compatible with most common chargers</b>	Inventus Power 6-Bay CWB Charger (MC-DTC-6CWB)
	ABC Charger (BTC-70100)
	Universal Battery Charger (UBC - 410287-1502)
	Universal Battery Charger Lite (UBCL - 1600903-2)

**Cable Connector Pin-Out Diagram**



**Flex Limit**

