

Technical Specification for: *NNTN8570B*

CLASSIFICATION	
DESCRIPTION	BATTERY, IMPRES IECEX/ATEX IP67 LIION 1250T
ORIGIN COUNTRY	Cell Origin: Japan; Finished in Malaysia
APC	TETRA APC 0607
RADIOS COMPATIBLE WITH	MTP8500EX & MTP8550EX Model Radios

ELECTRICAL											
Chemistry	Li-Ion										
Capacity (<i>typical & minimum</i>)	1250 mAh (typ) 1200 mAh (min)										
Energy Density (mAh/cm ³)											
Nominal Voltage	7.6V										
Number of Charge cycles	500										
Memory Effect	No										
Requires Maintenance	No										
Capacity vs Discharge Temperatures (°C)	<table border="1"> <thead> <tr> <th>Temperature (°C)</th> <th>% of 23°C Capacity</th> </tr> </thead> <tbody> <tr> <td>+60</td> <td>95</td> </tr> <tr> <td>+23</td> <td>100</td> </tr> <tr> <td>0</td> <td>75</td> </tr> <tr> <td>-10</td> <td>32</td> </tr> </tbody> </table>	Temperature (°C)	% of 23°C Capacity	+60	95	+23	100	0	75	-10	32
Temperature (°C)	% of 23°C Capacity										
+60	95										
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Typical Operating Time	Note: Based on a 5/5/90 TMDA profile: <ul style="list-style-type: none"> ● Transmit: 1184mA for 15ms; 108mA for 45msec ● Receive: 148mA for 15ms; 96mA for 45msec 										

	<ul style="list-style-type: none"> Standby: 44mA for 15ms; 44mA for 45msec
Time before first low battery alert (from 100%)	
Intelligent	Yes, IMPRES

MECHANICAL	
Dimensions L x W x H (mm)	53.33 x 18.95* x 120.15 (nom) *Note: Does not include the Belt-Clip Feature
Weight	149g (max)
IP rating	IP67

ENVIRONMENTAL	
Operating Temperature Range	Charging: 0°C to +45°C [ST] Discharge: -10°C to +50°C [ST] Protection Circuitry: -20°C to +60°C IECEx: -20°C to +55°C

COMPLIANCE	
EMC Compliant	[Yes / No] Yes
RTTE Compliant	[Yes / No] Yes
WEEE Compliant	[Yes / No] Yes
RoHs Compliant	[Yes / No] Yes

SUPPLIER INFORMATION	
Supplier Name	Sanmina Corporation (MFG)
Supplier Full Address	