



**DATA SHEET - N50 MAINTENANCE FREE**

<b>MODEL:</b>	M24PMF
<b>TECHNOLOGY:</b>	Flooded Lead Acid Battery
<b>DIMENSIONS:</b>	mm
<b>COLOR:</b>	Black
<b>WET WEIGHT:</b>	21,14 kg
<b>MATERIAL:</b>	Polypropylene (PP)
<b>DIMENSIONS (LxWxH) mm:</b>	260 x 173 x 226

**SPECIFICATIONS**

VOLTAGE	PERFORMANCE			BCI GROUP
	20 HOURS RATE (Ah)	COLD CRANKING (A) SAE -18°C	CAPACITY (MINUTES)	
12V	80	620	140	27

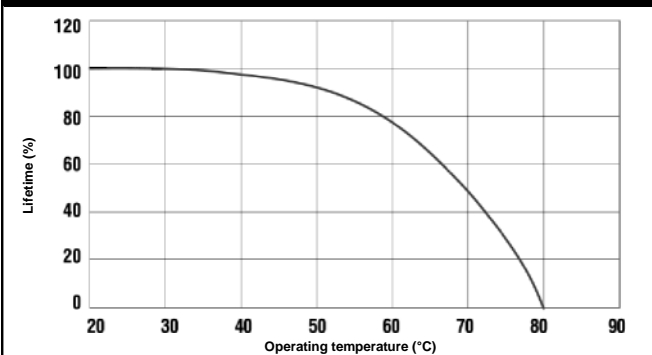
**TERMINAL TYPE**

T	1	1
<p>W 3/8" 17±1 [0,669"±0,03"]</p> <p>SCREW W 3/8" x 17 mm [0,669"]</p>	<p>18±1 [0,708"±0,03"] Ø 19,5±0,3 [0,767"±0,01"]</p> <p>POSITIVE TERMINAL CONICITY 1:9</p>	<p>18±1 [0,708"±0,03"] Ø 17,9±0,3 [0,704"±0,01"]</p> <p>NEGATIVE TERMINAL CONICITY 1:9</p>
RECOMMENDED TORQUE: 10-15 N.m	RECOMMENDED TORQUE: 8-10 N.m	

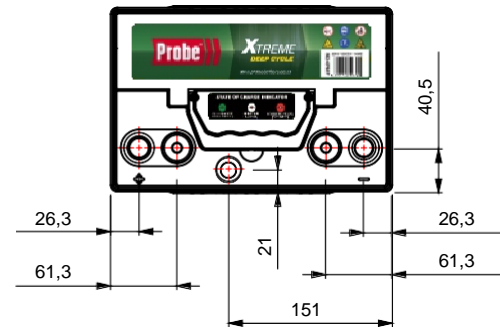
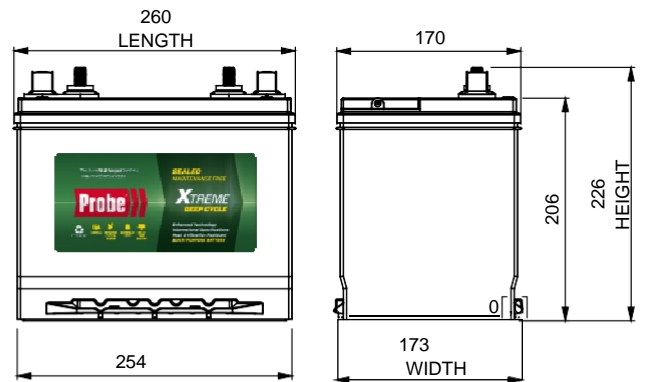
**ELECTRICAL SPECIFICATION**

<b>Rated capacity</b>	90 hours rate (0,9 A)	80,0 Ah
	20 hours rate (3,75 A)	75,0 Ah
	10 hours rate (6,8 A)	68,0 Ah
	5 hours rate (12,6 A)	63,0 Ah
	3 hours rate (18,5 A)	55,5 Ah
1 hour rate (44,3 A)	44,3 Ah	
<b>Capacity affected by temperature</b>	40°C	106%
	25°C	100%
	0°C	86%
	-15°C	65%
<b>Charging methods</b>	Full charge	Constant-Voltage Charge: Initial charging current: less than 12 A Voltage: 15,50 V - 16,00 V at 25 °C Charging time: 15 - 18h
	Floating charge	No limit on initial charging current Voltage: 13,40 V - 13,80 V at 25 °C

**TEMPERATURE INFLUENCE ON PRODUCT LIFE**



**DIMENSIONS (mm)**



**DISCHARGE CHARACTERISTICS (25°C)**

