

# DATASHEET DIN 60033 SMF



AWaccu

UN2794 wet cell lead acid battery



## Calcium maintenance free lead acid battery

### Terminal: A type

	A(Standard)	B(Small)	STUD	TOP	DUAL	MARINE TWIN	SIDE
Positive Terminal			 3/8" - 16 THREADS			 5/16" - 18 THREADS	
Negative Terminal			 3/8" - 16 THREADS			 5/16" - 18 THREADS	

### Cell Layout: 1

0	1	3	4

### Bottom holddown: B1

B0		B1	 10.5mm on long sides only
B4	 5 notches 19mm on long sides only	B8	 13.5mm on long sides only
B9		B13	 5 notches

### Specifications:

Nominal voltage	: 12 Volt
Nominal capacity	: 100Ah
Cold Cranking performance	: 680 AMP CCA EN
Dimensions $\pm 2$ mm	: L.303 * W.172 * H.200 * Th.22
Weight	: Approx 20,1 kg $\pm 3\%$
<ul style="list-style-type: none"> <li>Pb (kg)</li> <li>Acid (kg) (SG1.290)</li> <li>P.P (kg)</li> </ul>	<ul style="list-style-type: none"> <li>: wt% 0,58      11,6 Kg</li> <li>: wt% 0,30      6,8 Kg</li> <li>: wt% 0,06      1,3 Kg</li> </ul>

### Constant Voltage Charge (recommended Method)

Cycle service	: 14,4 Volt Unit Average at 77C (25C)
Floating Service	: 13,2 Volt Unit Average at 77C (25C)

*If the battery is fully charged please make sure that the voltage of the charger will go down!*

### Self discharge (remaining capacity @20C)

3 months: 91%    6 months: 82%    12 months: 64%

### Capacity versus temperature:

40C: 102%      25C: 100%      0C: 85%      -15C: 65%

**Always recycle 60033 SMF batteries!**