

## 12 Volt MIL PC AGM Batteries for Defense Applications Performance Specifications

Item	MIL PC Model (Ah @ 10 hr. rate)								
	545 (12Ah)	680 (16Ah)	625 (16Ah)	925 (27Ah)	1200 (40Ah)	1700 (65Ah)	1500 (62Ah)	1750 (65Ah)	2150 (92Ah)
Part Number	0770-4010	0769-4010	0768-4010	0765-4010	0766-4015	0770-4010	0785-2025	TDB	0790-2410
NSN (6140-01-)	484-5341	484-5343	484-5376	484-5352	484-5349	484-5373	In Process	In Process	520-7112
5 sec. Hot Cranking Amps (HCA)	545A	680A	625A	925A	1200A	1700A	1500A	1750A	2150A
CCA	185A	220A	265A	380A	550A	875A	880A	930A	1150A
CA @ 0°C (+32°F)	240A	300A	350A	500A	725A	1175A	1050A	1070A	1370A
HCA @ +27°C (+80°F)	300A	370A	440A	625A	860A	1325A	1250A	1350A	1545A
Reserve Capacity	18 min.	24 min.	27 min.	52 min.	78 min.	142 min.	135 min.	135 min.	205 min.
Terminals	M6 receptacle (SAE optional) <sup>1</sup>		M6 Stud	M6 receptacle (SAE optional) <sup>1</sup>			Dual SAE/ Receptacle 3/8"-16	SAE	Stud (SAE optional) <sup>2</sup>
Terminal Torque, in lb.	50	50	40	60	60	60	60	70	150-200
(A) Length, in. (mm)	7.00 (177.8)	7.27 (184.7)	6.70 (170.2)	6.64 (168.6)	7.87 (199.9)	13.02 (330.7)	10.9 (276.0)	11.8 (300.0)	13.0 (330.0)
(B) Width, in. (mm) <sup>3</sup>	3.37 (85.6)	3.11 (79.0)	3.90 (99.1)	7.05 (179.0)	6.66 (169.1)	6.62 (168.2)	7.0 (178.0)	7.2 (183.0)	6.8 (173.0)
(C) Height, in. (mm) <sup>4</sup>	5.17 (131.3)	6.67 (169.4)	6.89 (175.0)	5.04 (128.0)	6.80 (172.7)	6.93 (176.0)	7.8 (199.0)	7.4 (188.0)	9.4 (238.0)
Weight, lb. (kg) <sup>5</sup>	12.6 (5.7)	15.4 (7.0)	13.2 (6.0)	26.0 (11.8)	38.2 (17.4)	60.9 (27.6)	52.9 (24.0)	58.0 (26.3)	78.0 (35.4)
Cycle Life @ +25°C (+77°F)	300 at 100% DOD and 14.7V charge for 16 to 24 hours 400 at 80% DOD and 14.7V charge for 16 to 24 hours								
Temperature Range	-40°C to +80°C (-40°F to +176°F)		-40°C to +45°C (-40°F to +113°F)	-40°C to +80°C (-40°F to +176°F)			-40°C to +80°C (-40°F to +176°F)		
Resistance at 1 kHz @ +25°C (+77°F)	10mO	7mO	7mO	5mO	4.5mO	3.5mO	4.3mO	2.0mO	2.2mO
Short ckt. Current	>1,200A	>1,800A	>1,800A	>2,400A	>2,600A	>3,500A	3,100A	5,000A	5,000A
Solvent Resistant			X				X	X	X
Flame Retardant	X	X		X	X	X			

<sup>1</sup> SAE Terminal Field Conversion Kit PN 3217-0006

<sup>2</sup> SAE Terminal Field Conversion Kit PN 3217-0049

<sup>3</sup> Width dimensions measured on terminal side and include metal jacket, except on MIL PC 625.

<sup>4</sup> Add 0.75" for SAE terminals on MIL PC 545, MIL PC 680, MIL PC 925, MIL PC 1200, and MIL PC 1700

<sup>5</sup> MIL PC 625, MIL PC 1500, MIL PC 1750, and MIL PC 2150 do not have metal jackets.