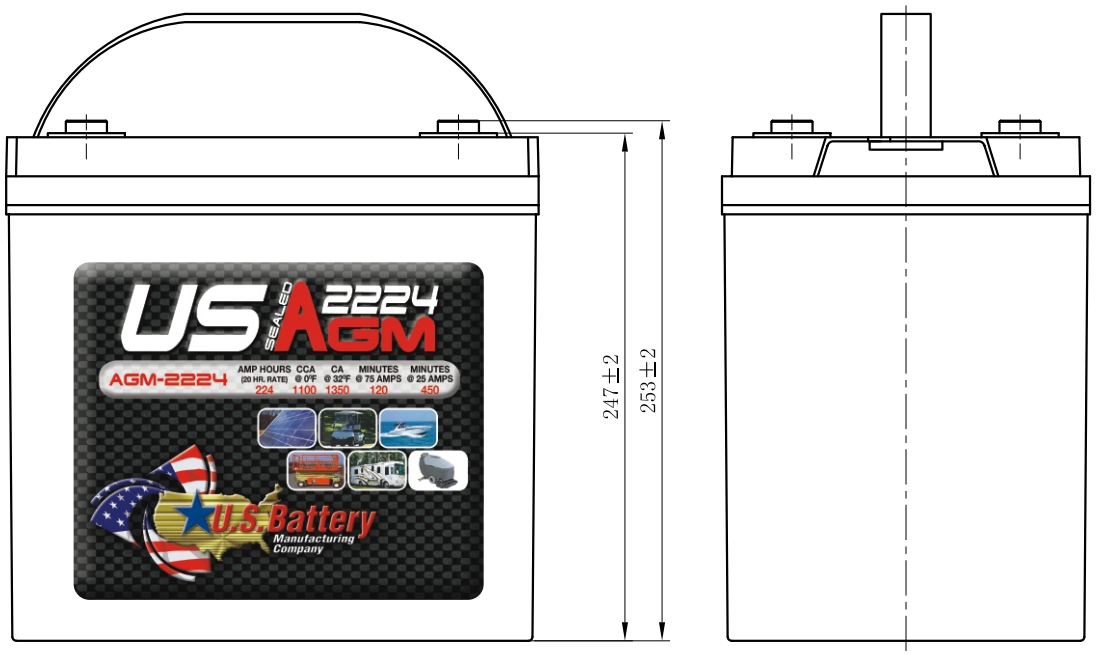
SERVICE FOR THE DISTANCE

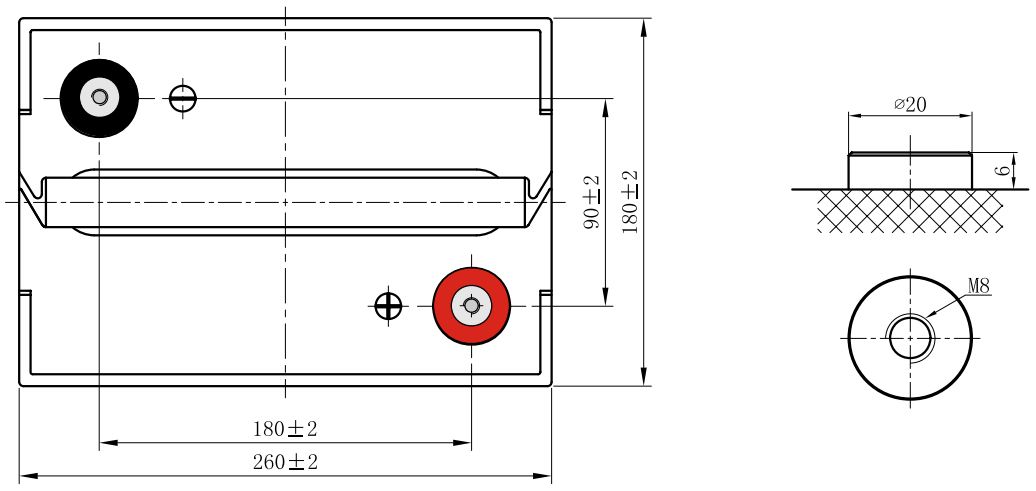
POWERSTRIDE BATTERY

US SEALED AGM 2224

Mechanical Characteristics

Insdustry Type No.	Volts	Standard (optional) Terminals	Dimensions in Inches (mm)				Apprax. Weight in Lbs (kgs)
			L in(mm)	W in(mm)	H in(mm)	TH in(mm)	
AGM2224	6	T11	10.2(260)	7.09(180)	9.72(247)	9.96(253)	65.0(29.5)





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Electrical Specifications

Ampere Hour Capacity			Minutes of Discharge					R/C @25A	Cranking Amps	
20HR	10HR	5HR	@25A	@56A	@75A	@85A	@100A		32℉/0℃	0℉/-18℃
✶– Performance averages after 15 cycles										
224	194	179	450	--	120	--	--	450	--	--

Constant current discharge ratings-amperes at 20℃(68℉)

End Point Volts/cell	5min	10min	15min	30min	45min	1h	3h	5h	10h
1.60V	--	--	--	--	180.0	143.0	56.9	37.7	20.1
1.65V	--	--	--	--	169.4	138.7	55.2	36.7	19.8
1.70V	--	--	--	--	161.0	131.3	53.6	35.9	19.6
1.75V	--	--	--	--	155.7	127.1	52.4	35.3	19.4
1.80V	--	--	--	--	149.3	122.8	50.8	34.4	19.2

Constant power discharge ratingswatts per cell at 20℃(68℉)

End Point Volts/cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	--	--	--	--	326.2	262.6	146.1	108.0	72.4
1.65V	--	--	--	--	308.2	254.2	141.9	105.6	70.7
1.70V	--	--	--	--	293.3	242.5	136.6	102.9	69.3
1.75V	--	--	--	--	288.0	238.3	135.6	100.9	68.3
1.80V	--	--	--	--	278.5	230.9	131.3	98.2	66.9

Internal resistance	Fully charged at 20℃:1.4m0hms		
Self discharge	<3% of capacity per month at 20℃		
Opersting temperatyre range	Discharge	Charge	Storage
	-20~60℃	-10~60℃	-20~60℃
Max. Discharge current(20℃)	2000A(5s)		

CHARGE METHODS: Constant voltage charging at 20℃(68℉)			
	Max. Charge current	Charge voltage	Temperature compensation
Standby use	0.3C10A	6.80~6.90V	-10mV/℃
Cyclic use	0.3C10A	7.20~7.35V	-15mV/℃

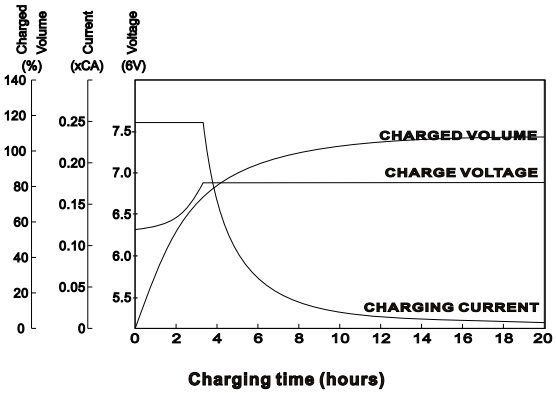
SERVICE FOR THE DISTANCE

POWERSTRIDE BATTERY

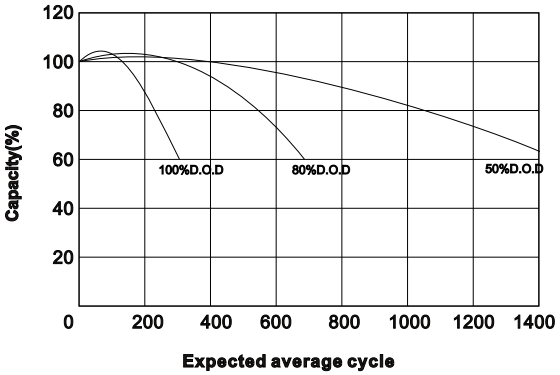
US SEALED AGM 2224

Charge / Discharge Tables & Graphs

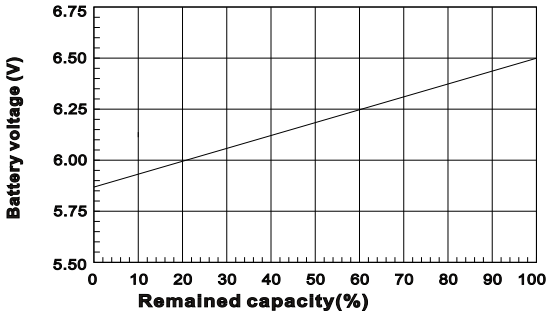
Constant voltage charging characteristic (0.25CA, 25°C,77°F)



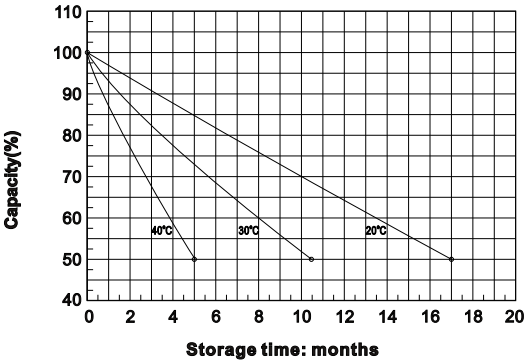
Cycle life in relation to depth of discharge



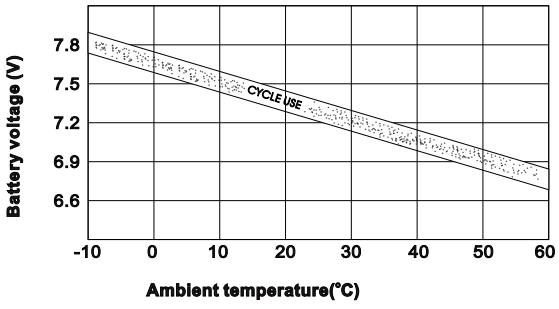
Relationship of OCV and state of charge (20°C)



Self-discharge characteristic



Relationship between charging voltage and temperature



Temperature effects on capacity