



## S6-275AGM-RE

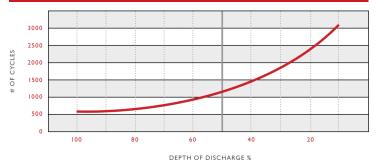
VPC		Rolls			(	M8	-TP	08		
Cells       3         Terminal Type       M8-TP08         Included Hardware       Stainless Steel Nuts & Bolts       Solt         Size & Thread       M8       M8         Size & Thread       M8       2.45       VIEI       2.57       C17°F         Charge Voltage Range       2.3       VIEI $2.5^{\circ}C$ C17°F       C17°F         Float Voltage Range       2.3       VIEI $2.5^{\circ}C$ C17°F       C17°F         Recommended Charge Current Capacity (String)       50 A       Less than 2% per worth at 25°C (77°F)       C1000000000000000000000000000000000000	Series	AGM-S	War	ranty	Se	e Warı	ranty 1	Terms		
Terminal Type       M8-TP08         Included Hardware       Stainless Steel Nuts & Bolts         Size & Thread       M8         Charge Voltage Range       2.45 V/cell @ 25°C (77°F)         Charge Voltage Range       2.3 V/cell @ 25°C (77°F)       Colspan="2">Sec (77°F)         Float Voltage Range       2.3 V/cell @ 25°C (77°F)       Colspan="2">Sec (77°F)         Recommended Charge Current Capacity (String)       50 A       Less than 2% crospen vert of the sec o	Volts	6	BCI		GC	22				
Included Hardware       Stainless Stee Nuts & Bolts         Size & Thread       M8         Charge       Charge         Charge Voltage Range       2.45 V/cell $\odot$ 25°C (77°F)       Composition of the term of the term of	Cells	3								
Size & Thread       M8         Charge Voltage Range       2.45 V/cell $\odot$ 25°C (77°F)         Float Voltage Range       2.3 V/cell $\odot$ 25°C (77°F)       Image: Coll Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Self-Discharge Rate       2.3 V/cell $\odot$ 25°C (77°F)         Self-Discharge Rate       75 A       Image: Colspan="2">Colspan="2"       960         Capacity Amps (CCA) 0°F / -18°C       960       Image: Colspan="2">Image: Colspan="2"         Cold Crank Amps (CCA) 0°F / -18°C       960       Image: Colspan="2"       1100         Marine Crank Amps (MCA) 32°F / 0°C       1100       Image: Colspan="2"       1100         Reserve Capacity (RC @ 25A)       510 Minutest       15°C (5°F)         Capacity Affect by Temperature       40°C (104°F) $?C^*$ $°C^*$ $°$	Terminal Type		M8-	TP08						
ChargeCharge Voltage Range2.45 V/cell @ 25°C (77°F)Float Voltage Range2.3 V/cell @ 25°C (77°F)Float Voltage RangeRecommended Charge Current Capacity (String)50 AMaximum Charge Current (String)75 ASelf-Discharge RateLess than 2% per month at 25°C (77°F)Internal Resistance1.3 mQCold Crank Amps (CCA) 0°F / -18°C960Cold Crank Amps (MCA) 32°F / 0°CMarine Crank Amps (MCA) 32°F / 0°C1100Reserve Capacity (RC @ 25A)S10 MinutesCapacity Affect by Temperature $40°C25°C(104°F)25°C(0100 Hour Rate275 AH@ 100 Hour Rate229 AHQ20 Hour Rate210 Hour RateQ20 Hour Rate229 AHQ20 Hour Rate229 AHQ20 Hour Rate204 AHQ20 Hour Rate204 AHQ20 Hour Rate229 AHQ20 Hour Rate204 AHQ$				Stainless Steel Nuts & Bolts						
Charge Voltage Range       2.45 V/cell $\bigcirc$ 25°C (77°F)         Float Voltage Range       2.3 V/cell $\bigcirc$ 25°C (77°F)         Recommended Charge Current Capacity (String)       50 A         Maximum Charge Current (String)       75 A         Self-Discharge Rate       Less than 2% per month at 25°C (77°F)         Internal Resistance       1.3 m2         Cold Crank Amps (CCA) 0°F / -18°C       960         Marine Crank Amps (MCA) 32°F / 0°C       1100         Marine Crank Amps (MCA) 32°F / 0°C       510 Minutes         Reserve Capacity (RC @ 25A)       510 Minutes         Capacity Affect by Temperature $40^{\circ}$ C $25^{\circ}$ C $(5^{\circ}$ F) $(100 Hour Rate)$ $275 \text{ AH}$ $0^{\circ}$ C $510^{\circ}$ C $(100 Hour Rate)$ $275 \text{ AH}$ $0^{\circ}$ C $510^{\circ}$ C $(100 Hour Rate)$ $275 \text{ AH}$ $0^{\circ}$ C $55^{\circ}$ C $(0 100 Hour Rate)$ $275 \text{ AH}$ $10^{\circ}$ C $52^{\circ}$ C $(0 10 Hour Rate)$ $229 \text{ AH}$ $10^{\circ}$ C $12.5 \text{ A}$ $(0 10 Hour Rate)$ $204 \text{ AH}$ $40^{\circ}$ C $22.9 \text{ A}$ $(0 10 Hour Rate)$ $204 \text{ AH}$ $40^{\circ}$ C $22.9 \text{ A}$ $(0 10 Hour Rate)$	Size & Thread	Size & Thread								
Float Voltage Range2.3 V/cell @ 25°C (77°F)Recommended Charge Current Capacity (String)50 AMaximum Charge Current (String)75 ASelf-Discharge RateLess than 2% per month at 25°C (77°F)Internal Resistance1.3 mQCapacityCold Crank Amps (CCA) 0°F / -18°CMarine Crank Amps (MCA) 32°F / 0°C1100Marine Crank Amps (MCA) 32°F / 0°C1100Reserve Capacity (RC @ 25A)510 MinutesCapacity Affect by Temperature $40°C (104°F) Z5°C (77°F) Z5°C (28°F) S7°F) S7°F (28°F) S7°F (28$			Cł	narge						
Recommended Charge Current Capacity (String)50 AMaximum Charge Current (String) $75 \text{ A}$ Self-Discharge RateLess than $2\%$ per unit of the second seco	Charge Voltage Range			2.45	2.45 V/cell @ 25°C (77°F)					
Maximum Charge Current (String)75 ASelf-Discharge RateLess than $2^{\vee}$ per month at $25^{\circ}C (77^{\circ}F)^{\circ}$ Internal Resistance $1.3 \text{ mQ}^{\circ}$ Cold Crank Amps (CCA) $0^{\circ}F / \cdot 18^{\circ}C$ $960$ Marine Crank Amps (MCA) $32^{\circ}F / 0^{\circ}C$ $110^{\circ}$ Marine Crank Amps (MCA) $32^{\circ}F / 0^{\circ}C$ $510 \text{ mutes}$ Reserve Capacity (RC @ 25A) $510 \text{ mutes}$ Capacity Affect by Temperature $40^{\circ}C (104^{\circ}F)$ $(104^{\circ}F)$ $25^{\circ}C (77^{\circ}F)$ $(104^{\circ}F)$ $0^{\circ}C (77^{\circ}F)$ $(104^{\circ}F)$ $100^{\circ}F / \cdot 15^{\circ}C (5^{\circ}F)$ $102^{\circ}K$ $100^{\circ}K$ $(204^{\circ}K)$ $25^{\circ}C (77^{\circ}F)$ $(201^{\circ}K)$ $25^{\circ$	Float Voltage Range			2.3 V/cell @ 25°C (77°F)						
Self-Discharge RateLess than 2% per month at 25°C (77°F)Internal Resistance1.3 mQCapacityCapacityOdd Crank Amps (CCA) 0°F / -18°C960Marine Crank Amps (MCA) 32°F / 0°C1100Capacity (RC @ 25A) $510 \cdot 100^{\circ}$ Reserve Capacity (RC @ 25A) $510 \cdot 100^{\circ}$ Capacity Affect by Temperature $40^{\circ}$ C $(104°F)25^{\circ}C(77°F)0^{\circ}C(32°F)-15^{\circ}C(5°F)Capacity Affect by Temperature40^{\circ}C(104°F)25^{\circ}C(77°F)0^{\circ}C(32°F)-15^{\circ}C(5°F)Mour RateCapacity / AMP Hour510 \cdot 100^{\circ}(32°F)0^{\circ}C(5°F)OPC25^{\circ}C(104°F)25^{\circ}C(77°F)0^{\circ}C(32°F)-15^{\circ}C(5°F)OPC25^{\circ}C(104°F)25^{\circ}C(77°F)0^{\circ}C(32°F)-15^{\circ}C(5°F)OPC25^{\circ}C(104°F)25^{\circ}C(77°F)0^{\circ}C(32°F)0^{\circ}C(5°F)OPC25^{\circ}C25^{\circ}C@ 100 Hour Rate22^{\circ}AH2^{\circ}C2^{\circ}C2^{\circ}C@ 20 Hour Rate$	Recommended Charge Current Capacity (String)			50 A						
Self-Discharge Rate $25^{\circ}C (77^{\circ}F)$ $32^{\circ}F / C^{\circ}C$ Internal Resistance $1.3 \text{ mQ}$ Capacity         Cold Crank Amps (CCA) $0^{\circ}F / \cdot 18^{\circ}C$ $960$ Marine Crank Amps (MCA) $32^{\circ}F / 0^{\circ}C$ $110^{\circ}C$ Reserve Capacity (RC @ 25A) $510 \text{ Minutes}$ Capacity Affect by Temperature $40^{\circ}C (104^{\circ}F)$ $25^{\circ}C (77^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $-15^{\circ}C (5^{\circ}F)$ Qapacity Affect by Temperature $40^{\circ}C (104^{\circ}F)$ $25^{\circ}C (77^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $-15^{\circ}C (5^{\circ}F)$ Mour Rate       Capacity / AMP Hour       Current / AMPs         @ 100 Hour Rate $275 \text{ AH}$ $100^{\circ}F = 32^{\circ}F = $				75 A						
Capacity         Cold Crank Amps (CCA) 0°F / -18°C       960         Marine Crank Amps (MCA) 32°F / 0°C       1100         Reserve Capacity (RC @ 25A) $510$ Reserve Capacity (RC @ 25A) $510$ Capacity Affect by Temperature $40^{\circ}C$ ( $104^{\circ}F$ ) $25^{\circ}C$ ( $77^{\circ}F$ ) $0^{\circ}C$ ( $32^{\circ}F$ ) $-15^{\circ}C$ ( $5^{\circ}F$ )         Mour Rate       Capacity / AMP Hour $85\%$ $65\%$ Mour Rate $275$ AH $VVC$ $VVC$ Martine Rate $229$ AH $VVC$ $VVC$	Self-Discharge Rate									
Gold Crank Amps (CCA) $0^{\circ}$ F / $\cdot$ 18°C         960           Marine Crank Amps (MCA) $32^{\circ}$ F / $0^{\circ}$ C         1100           Reserve Capacity (RC @ 25A)         510 $\exists$ 10 $\exists$ 100           Capacity (RC @ 25A)         S10 $\exists$ 100 $\exists$ 100           Capacity Affect by Temperature         Q°C (104°F)         Q°C (32°F)         (35°F)           Marine Capacity Affect by Temperature         Q°C (104°F)         Q°C (32°F)         (5°F)           Marine Capacity / AMP Hour         STO $\forall$ STO $\forall$ STO $\forall$ STO $\forall$ Marine Capacity / AMP Hour         STO $\forall$ \forall         \forall         \forall         \forall <th co<="" td=""><td colspan="3">Internal Resistance</td><td></td><td colspan="5">1.3 mΩ</td></th>	<td colspan="3">Internal Resistance</td> <td></td> <td colspan="5">1.3 mΩ</td>	Internal Resistance				1.3 mΩ				
Gold Crank Amps (CCA) $0^{\circ}$ F / $\cdot$ 18°C         960           Marine Crank Amps (MCA) $32^{\circ}$ F / $0^{\circ}$ C         1100           Reserve Capacity (RC @ 25A)         510 $\exists$ 10 $\exists$ 100           Capacity (RC @ 25A)         S10 $\exists$ 100 $\exists$ 100           Capacity Affect by Temperature         Q°C (104°F)         Q°C (32°F)         (35°F)           Marine Capacity Affect by Temperature         Q°C (104°F)         Q°C (32°F)         (5°F)           Marine Capacity / AMP Hour         STO $\forall$ STO $\forall$ STO $\forall$ STO $\forall$ Marine Capacity / AMP Hour         STO $\forall$ \forall         \forall         \forall         \forall <th co<="" td=""><td></td><td></td><td>Ca</td><td>pacity</td><td></td><td></td><td></td><td></td><td></td></th>	<td></td> <td></td> <td>Ca</td> <td>pacity</td> <td></td> <td></td> <td></td> <td></td> <td></td>			Ca	pacity					
Marine Crank Amps (MCA) $32^{\circ}F / 0^{\circ}C$ $11 \cup 1 $	Cold Crank Am	ps (CCA) 0°F /					960			
Reserve Capacity (RC @ 25A) $510 \text{ Jurues}$ Capacity Affect by Temperature $40^{\circ}\text{C}$ $(104^{\circ}\text{F})$ $25^{\circ}\text{C}$ $(7^{\circ}\text{F})$ $0^{\circ}\text{C}$ $(32^{\circ}\text{F})$ $15^{\circ}\text{C}$ $(5^{\circ}\text{F})$ Mour Rate       Capacity / AMP Hour $85\%$ $65\%$ Mour Rate $275 \text{ AH}$ $510^{\circ}\text{C}$ $102\%$ $10^{\circ}\text{C}$ $100\%$ $85\%$ @ 100 Hour Rate $275 \text{ AH}$ $510^{\circ}\text{C}$ $10^{\circ}\text{C}$ $100\%$ $10^{\circ}\text{C}$ @ 10 Hour Rate $229 \text{ AH}$ $510^{\circ}\text{C}$ $10^{\circ}\text{C}$ @ 10 Hour Rate $229 \text{ AH}$ $510^{\circ}\text{C}$ $10^{\circ}\text{C}$ @ 5 Hour Rate $20^{\circ}\text{ AH}$ $10^{\circ}\text{ C}$ $10^{\circ}\text{ C}$ $0^{\circ}\text{ 5}$ Hour Rate $20^{\circ}\text{ AH}$ $10^{\circ}\text{ C}$ $10^{\circ}\text{ C}$ $0^{\circ}\text{ Cut Off Voltage}$ $1^{\circ}\text{ Cut States}$ $1^{\circ}\text{ Cut States}$ $1^{\circ}\text{ Cut States}$	·						1100			
A0°C (104°F)       25°C (32°F)       0°C (5°F)         102%       100%       85%       65%         102%       100%       85%       65%         Mour Rate       Capacity / AMP Hour       Current / AMPs         @ 100 Hour Rate       275 AH           @ 20 Hour Rate       250 AH            @ 10 Hour Rate       229 AH             @ 10 Hour Rate       229 AH              @ 10 Hour Rate       229 AH                @ 5 Hour Rate       204 AH       40.8 A                Cut Off Voltage        1 hr       2 hr       3 hr       5 hr       8 hr       10 hr	• • •						510 N	/inutes		
ID2%       ID0%       85%       65%         Hour Rate       Capacity / AMP Hour       Current / AMPs         @ 100 Hour Rate       275 AH       Survey										
Image: Constraint of the system of the sy			urc		102%	. 10	0%	85%	65%	
Image: Cut Off Voltage       I	Hour R	ate	Capacit	ty / AMP	Hour		Curre	ent / Al	MPs	
Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Constant of the state     Image: Constant of the state       Image: Constant of the state     Image: Consta	@ 100 Hour Rate		2	275 AH			2.75 A			
Image: Construction of the state of the	@ 20 Hour Rate 250 AH				1	L2.5 A				
Cut Off Voltage     Constant Current Discharge       VPC     1 hr     2 hr     3 hr     5 hr     8 hr     10 hr	@ 10 Hour Rate 229 AH					2	22.9 A			
1 hr         2 hr         3 hr         5 hr         8 hr         10 hr	@ 5 Hour Rate 204 AH					4	A 8.04			
1 hr         2 hr         3 hr         5 hr         8 hr         10 hr	Cut	Off Voltage		Co	onstani	t C <u>ur</u> r	en <u>t D</u>	ischa <u>r</u>	ge	
VPC									10 hr	
130.1 70.3 30.0 35.7 27.2 22.3		VPC		136.1	78.5	56.6	39.7	27.2	22.5	

Specifications							
Certified System	Weight	34.5 kg	76 lbs				
	Length	26.2 cm	10.31"				
	Width	18.1 cm	7.13"				
€ saiglobal ISO 9001 Quality	Height Inc. Term.	27.3 cm	10.75"				

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Container	ABS
Cover	ABS
Handles	Nylon Strap

## Cycle Life vs. Depth of Discharge



Capacity vs. Temperature 120 % OF AVAILABLE CAPACITY 100 80 60 40 -20°C (-4°F) -30°C (-22°F) -10°C (14°F) 0°C (32°F) 10°C (50°F) 20°C (68°F) 30°C (86°F) 40°C (104°F) AMBIENT TEMPERATURE

**Detailed Illustration** 

