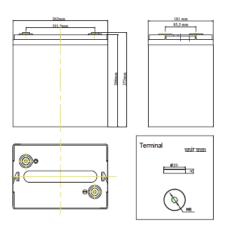




## S6-275AGM





Discharge characteristics 77°F(25℃)

## Specifications

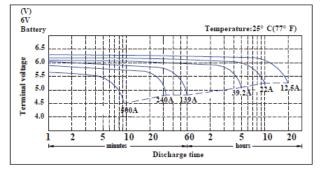
Nominal Voltage		6V		
Rated Capacity (20 hour rate)		250AH		
Dimension	Total Height (with terminals)	272mm(10.71inches)		
	Height	266mm(10.47inches)		
	Length	262mm(10.31inches)		
	Width	181mm(7.13inches)		
Weight		Approx.34.5kg (75.91lbs)		

## Characteristics

Capacity 77F (25°C)     10 hour rate (22A to 5.25Volts)     220AH       Internal Resistance     Full charged 77°F (25°C)     1.3mQ       Capacity affected by Temperature (20 hour rate)     104°F (40°C)     102%       Self-Discharge 77°F (25°C)     104°F (40°C)     100%       Self-Discharge 77°F (25°C)     23°F (0°C)     85%       Self-Discharge 77°F (25°C)     Capacity after 3 month storage     91%       Capacity after 12 month storage     82%       Capacity after 12 month storage     64%       Standard Terminal     M8       Max. Discharge Current 77°F (25°C)     2000A (5s)       Reserve Capacity (Minutes to 5.25V at 80°F (27°C)     @ 25Amps     510Min       Charging (Constant     Initial Charging Current 50A Or Small     7.25V~7.45V/77°F (25°C)								
10 hour rate (22A to 5.25Volts)     220AH       77F (25°C)     5 hour rate (39.2A to 5.1Volts)     196AH       Internal Resistance     Full charged 77F (25°C)     1.3mQ       Capacity affected by Temperature (20 hour rate)     104T (40°C)     102%       Self-Discharge 77F (25°C)     100%     32°F (0°C)     85%       Self-Discharge 77F (25°C)     Capacity after 3 month storage     91%       Capacity after 6 month storage     82%       Capacity after 12 month storage     64%       Standard Terminal     M8       Max. Discharge Current 77F (25°C)     2000A (5s)     510Min       Reserve Capacity (Minutes to 5.25V at 80°F (27°C)     @ 25Amps     510Min       Charging (Constant     Initial Charging Current 50A Or Small     7.25V~7.45V/77F (25°C)	Can	acity	20 hour ra	250AH				
5 hour rate (39.2A to 5.1Volts)     196AH       Internal Resistance     Full charged 77°F(25°C)     1.3mΩ       Capacity affected by Temperature (20 hour rate)     104°F(40°C)     102%       32°F(0°C)     85%     5°F(-15°C)     100%       Self-Discharge 77°F(25°C)     Capacity after 3 month storage     91%       Capacity after 7 month storage     82%     Capacity after 12 month storage     64%       Standard Terminal     M8       44%       Max. Discharge Current 77°F(25°C)     2000A (5s)     \$10Min     100Min       Reserve Capacity (Minutes to 5.25V at 80°F(27°C)     @ 25Amps     \$10Min       Charging (Constant     Cycle     Initial Charging Current 50A Or Small     7.25V~7.45V/77°F(25°C)			10 hour ra	220AH				
Capacity affected by Temperature (20 hour rate)     104T (40°C)     102%       77T (25°C)     100%     32°T (0°C)     85%       Self-Discharge 77T (25°C)     5°T (-15°C)     65%     65%       Capacity after 3 month storage     91%     20%     20%       Standard Terminal     M8     64%     46%       Standard Terminal     M8     64%     55%       Reserve Capacity     @ 25Amps     510Min       (Minutes to5.25V at 80°T (27°C)     @ 75Amps     130Min       Charging     Cycle     Initial Charging Current 50A Or Small     7.25V~7.45V/77°T (25°C)			5 hour ra	196AH				
Capacity affected by Temperature (20 hour rate)     77F(25°C)     100%       32°F(0°C)     85%       Self-Discharge 77°F(25°C)     65%       Capacity after 3 month storage     91%       Capacity after 3 month storage     91%       Capacity after 6 month storage     82%       77°F(25°C)     Capacity after 12 month storage     64%       Standard Terminal     M8     48       Max. Discharge Current 77°F(25°C)     2000A (5s)     510Min       Reserve Capacity (Minutes to 5.25V at 80°F(27°C)     @ 25Amps     510Min       Charging (Constant     Cycle     Initial Charging Current 50A Or Small     7.25V~7.45V/77°F (25°C)	Internal I	Resistance	Full charg	1.3mΩ				
77F(25°C)     100%       by Temperature (20 hour rate)     32F(0°C)     85%       32F(15°C)     65%       Self-Discharge 77F(25°C)     Capacity after 3 month storage     91%       Capacity after 3 month storage     91%       Capacity after 6 month storage     82%       Capacity after 12 month storage     64%       Standard Terminal     M8       Max. Discharge Current 77°F(25°C)     2000A (5s)       Reserve Capacity     @ 25Amps     510Min       (Minutes to 5.25V at 80°F(27°C)     @ 75Amps     130Min       Charging (Constant     Cycle     Initial Charging Current 50A Or Small       7.25V~7.45V/77°F(25°C)     7.25°C     1000°C	by Temperature		104 <b>F</b> (40℃	102%				
32 F (0°C)     85%       (20 hour rate)     32 F (0°C)     85%       5 F (-15°C)     65%       Self-Discharge     Capacity after 3 month storage     91%       Capacity after 6 month storage     91%     Capacity after 12 month storage     82%       77 F (25°C)     Capacity after 12 month storage     64%     64%       Standard Terminal     M8     000A (5s)     65%       Current 77 F (25°C)     2000A (5s)     510Min       Reserve Capacity     @ 25Amps     510Min       (Minutes to 5.25V at 80 F (27°C)     @ 75Amps     130Min       Charging     Cycle     Initial Charging Current 50A Or Small       7.25V~7.45V/77 F (25°C)     7.25°C     7.25°C			77 <b>F(25°C</b>	100%				
5F(-15C) 65%   Self-Discharge Capacity after 3 month storage 91%   77F(25C) Capacity after 6 month storage 82%   Capacity after 12 month storage 64%   Standard Terminal M8   Max. Discharge 2000A (5s)   Current 77F(25C) 2000A (5s)   Reserve Capacity @ 25Amps 510Min   (Minutes to5.25V at 80F(27C)) @ 75Amps 130Min   Charging Cycle Initial Charging Current 50A Or Small   (Constant 7.25V~7.45V/77F(25C)			32 <b>F</b> (0°C)		85%			
Self-Discharge   Capacity after 6 month storage   82%     77F (25°C)   Capacity after 12 month storage   64%     Standard Terminal   M8   0000 (5s)   0000 (5s)     Max. Discharge   2000A (5s)   2000A (5s)   130Min     Charging   Cycle   Initial Charging Current 50A Or Small   7.25V~7.45V/77F (25°C)			5°F(-15°C)		65%			
Capacity after 6 month storage 82%   77T (25°C) Capacity after 12 month storage 64%   Standard Terminal M8 64%   Max. Discharge 2000A (5s) 2000A (5s)   Current 77T (25°C) 2000A (5s) 510Min   Reserve Capacity @ 25Amps 510Min   (Minutes to5.25V at 80°T (27°C) @ 75Amps 130Min   Charging Cycle Initial Charging Current 50A Or Small   (Constant 7.25V~7.45V/77°T (25°C)	5		Capacity after 3 month storage		91%			
Capacity after 12 month storage 64%   Standard Terminal M8   Max. Discharge Current 77°F (25°C) 2000A (5s)   Reserve Capacity (Minutes to5.25V at 80°F (27°C) @ 25Amps 510Min   Charging (Constant Cycle Initial Charging Current 50A Or Small   7.25V~7.45V/77°F (25°C) 7.25°C			Capacity a	82%				
Max. Discharge Current 77TF (25°C) 2000A (5s)   Reserve Capacity (Minutes to5.25V at 80°F (27°C) @ 25Amps 510Min   Charging (Constant Gycle Initial Charging Current 50A Or Small   7.25V~7.45V/77TF (25°C)			Capacity a	64%				
2000A (5s)       Current 777F(25°C)       Reserve Capacity     @ 25Amps     510Min       (Minutes to5.25V at 80°F (27°C)     @ 75Amps     130Min       Charging (Constant     Cycle     Initial Charging Current 50A Or Small       7.25V~7.45V/77°F (25°C)     7.25°C)	Standard	Terminal	M8					
(Minutes to5.25V at 80°F (27°C) @ 75Amps 130Min   Charging (Constant Cycle Initial Charging Current 50A Or Small   7.25V~7.45V/77°F (25°C)	, , , , , , , , , , , , , , , , , , ,		2000A (5s)					
Charging (Constant Cycle Initial Charging Current 50A Or Small   7.25V~7.45V/77F(25°C)	F	leserve Capaci	ty	@ 25Amps	510Min			
(Constant Cycle 7.25V~7.45V/77 <b>F</b> (25°C)	(Minutes to 5.25V at 80°F (27°C)			@ 75Amps	130Min			
(Constant 7.25V~7.45V/77 <b>F</b> (25°C)	Charging		Initial Charging Current 50A Or Small					
Voltage) Float 6.8V~6.9V/77 F(25°C)	(Constant	Cycle	7.25V~7.45V/77 <b>F</b> (25°C)					
	Voltage)	Float	6.8V~6.9V/77 <b>F</b> (25°C)					

Constant Current Discharge Rating Amperes @ 77 °F (25°C)

Cut off voltage V/cell	30 <b>M</b>	45 <b>M</b>	1H	2H	3H	5H	8H	10 <b>H</b>	12H	20H	24H
1.75V	214	158	130.7	75.4	54.3	38.1	26.1	21.60	18.40	12.50	10.82



## Duration of discharge vs. Discharge current

