



6GFM150G (12V/150Ah)

## GENERAL FEATURES

- Longer cycle life: special paste formula, over dimensioned negative plate, optimized manufacturing process, additives for deep discharge.
- Special separators boost up the battery internal performance.
- Using oxygen recombination technology, maintenance-free and little water losing.
- ABS material: enhanced strength of the battery container. (Flame-retardant ABS is optional).
- Designed to have a lifespan of 15 years for float charging at 25°C



## APPLICATIONS

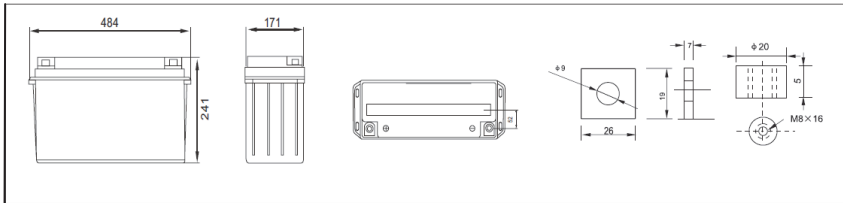
- Electric tools
- Vehicle in place of walking
- Lawn mowers
- Golf trolleys and golf cart
- Power system of special network or local area network
- Electric toys
- Railway and marine systems
- Fire alarms
- Solar and wind power system
- Electric wheelchairs
- Medical equipment



## SPECIFICATIONS

Model	Nominal Voltage	12V		
	Rated Capacity (10Hr rate)	150Ah		
Dimensions	Length	Width	Height	Total Height
	484mm (19.06")	171mm (6.73")	241mm (9.49")	241mm (9.49")
Weight	Approx. 42.3kg± 3%			
Capacity @ 25°C (77°F)	10 Hour (15A,10.8V)	5 Hour (25.5A,10.5V)	3 Hour (37.5A,10.3V)	1 Hour (82.5A,9.6V)
	150Ah	127.5Ah	112.5Ah	82.5Ah
Internal Resistance	Fully charged at 25°C, approx. 7.5mΩ			
Max. Discharge current	1500A (5 Sec.)			
Capacity Affected by Temp. (20Hr)	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	102%	100%	85%	65%
Self Discharge Rate @ 25°C (77°F)	After 3 months Storage		After 12 months Storage	
	91%	82%	64%	
Charge Method	Cycle Use		Float Charging	
	14.1-14.4V (Initial current less than 45A) @ 25°C (77°F)		13.5-13.8V @ 25°C (77°F)	

## DIMENSIONS & TERMINALS



776222522 مبيعات عمـ / عدن  
776222922 مبيعات صنعاء / الحديدة

صنعاء - شارع الجزائر - تقاطع الدائري - 01/446460 - 01/446461  
تعـز - الحصـب - أسفل جامع الشيباني 04/248044



Noor.shaiban



Noorshaiban@sheibanigroup.com  
eng.sameh@sheibanigroup.com



WWW.Noorshaiban.com

نور شيبان  
Noor Shaiban

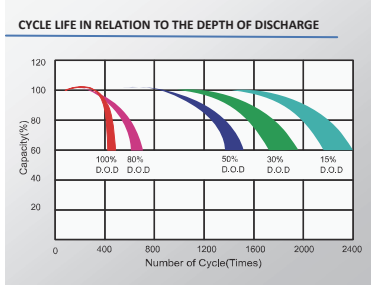
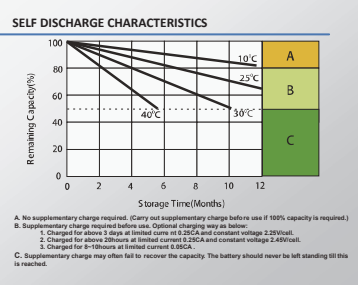
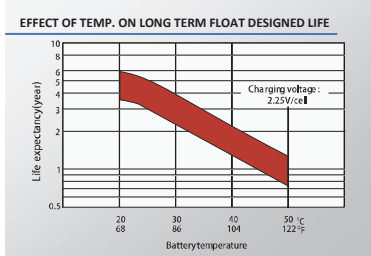
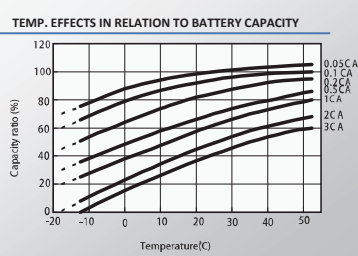
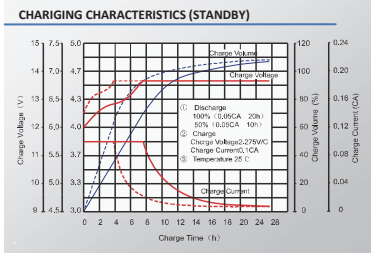
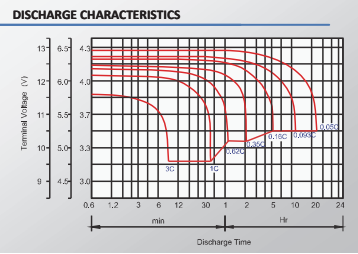
النظمة الطاقة الشمسية  
For Solar System Applications



6GFM150G (12V/150Ah)

## PERFORMANCE CHARACTERISTICS

Constant Current (Amp.) and Constant Power (W <sub>a</sub> ) Discharge Table @25°C ( 77°F)													
Cell Voltage	Time	Time											
		5min	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	8hr	10hr	20hr
9.60V	A	442.00	291.00	235.00	157.00	83.00	48.00	35.50	27.60	22.80	16.10	14.50	7.80
	W	4562.00	3110.00	2517.00	1692.00	894.00	530.00	394.70	310.50	258.90	185.00	167.40	91.00
10.20V	A	428.00	263.00	221.00	150.00	78.00	46.00	34.50	26.90	22.40	15.70	14.20	7.60
	W	4572.00	2934.00	2474.00	1689.00	880.00	531.00	399.50	312.90	260.60	184.10	167.00	89.00
10.50V	A	414.00	235.00	193.00	141.00	75.00	45.00	33.70	26.50	22.10	15.60	13.90	7.60
	W	4522.00	2674.00	2206.00	1620.00	873.00	522.00	392.30	321.00	258.90	183.40	164.90	89.70
10.80V	A	399.00	221.00	180.00	130.00	73.00	44.00	32.80	26.10	21.50	15.20	13.80	7.50
	W	4478.00	2554.00	2070.00	1503.00	848.00	514.00	387.20	308.00	254.50	179.90	164.00	88.80
11.10V	A	386.00	208.00	166.00	116.00	70.00	43.00	31.70	25.40	21.00	14.80	13.10	7.00
	W	4374.00	2403.00	1931.00	1356.00	828.00	506.00	377.10	302.40	250.30	176.80	158.30	85.30



6GFM150G (12V/150Ah)

## PERFORMANCE CHARACTERISTICS

Constant Current (Amp.) and Constant Power (W <sub>a</sub> ) Discharge Table @25°C ( 77°F)													
Cell Voltage	Time	Time											
		5min	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	8hr	10hr	20hr
9.60V	A	442.00	291.00	235.00	157.00	83.00	48.00	35.50	27.60	22.80	16.10	14.50	7.80
	W	4562.00	3110.00	2517.00	1692.00	894.00	530.00	394.70	310.50	258.90	185.00	167.40	91.00
10.20V	A	428.00	263.00	221.00	150.00	78.00	46.00	34.50	26.90	22.40	15.70	14.20	7.60
	W	4572.00	2934.00	2474.00	1689.00	880.00	531.00	399.50	312.90	260.60	184.10	167.00	89.00
10.50V	A	414.00	235.00	193.00	141.00	75.00	45.00	33.70	26.50	22.10	15.60	13.90	7.60
	W	4522.00	2674.00	2206.00	1620.00	873.00	522.00	392.30	321.00	258.90	183.40	164.90	89.70
10.80V	A	399.00	221.00	180.00	130.00	73.00	44.00	32.80	26.10	21.50	15.20	13.80	7.50
	W	4478.00	2554.00	2070.00	1503.00	848.00	514.00	387.20	308.00	254.50	179.90	164.00	88.80
11.10V	A	386.00	208.00	166.00	116.00	70.00	43.00	31.70	25.40	21.00	14.80	13.10	7.00
	W	4374.00	2403.00	1931.00	1356.00	828.00	506.00	377.10	302.40	250.30	176.80	158.30	85.30

