



PART NUMBER:	DATE:
PROJECT #:	TYPE:
PREPARED BY:	

## 6 VOLT, 7 AH SLA BATTERY TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

Experience dependable and long-lasting power with the F4P F4P 0607 6 Volt, 7 AH SLA Battery, designed for a variety of electronic applications. This high-performance Sealed Lead Acid (SLA) battery features a robust ABS plastic case and Faston terminals for secure and efficient connectivity, making it ideal for backup systems, emergency lighting, and portable devices. With a nominal capacity of 7.5 amp hours and a life span of 7 hours per charge, the F4P 0607 ensures consistent performance and reliability in both high and low drain devices.



### FEATURES

- Nominal Voltage: 6V
- Rated Capacity: 20 hour rate 7.0Ah
- Weight: 2.42lbs

### CHARACTERISTICS

Capacity 25°C(77°F)	20 hour rate(0.35A) 10 hour rate(0.64A) 5 hour rate(1.20A) 1 hour rate(4.20A)	7.00 AH 6.40 AH 6.00 AH 4.20 AH
	1.5 hour discharge to 5.25 V	2.8 A
Internal Resistance	Full charged Battery at 25°C(77°F)	18mΩ
Capacity affected by temperature (20 hour rate)	40°C(104°F) 25°C(77°F) 0°C(32°F) -15°C(5°F)	102% 100% 85% 65%
Self-Discharge at 25°C (77°F)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal	T1	
Charge (constant voltage)	Cycle	Initial charging current less than 2.80A Voltage 7.20-7.50V Time 14-16h
	Float	Voltage 6.75-6.90V

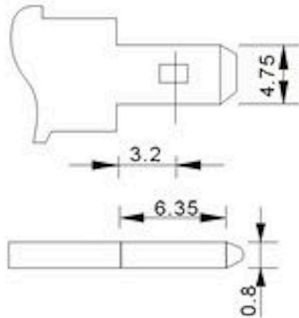
### CONSTANT CURRENT (AMP) AND CONSTANT POWER (WATT) DISCHARGE TABLE (77°F)

TIME		5MIN	10MIN	15MIN	30MIN	1H	2H	3H	4H	5H	8H	10H	20H
4.80V	A	25.2	16.5	12.3	8.05	4.2	2.45	1.80	1.45	1.23	0.81	0.66	0.36
	W	131	88.7	65.7	43.3	22.7	13.5	10.0	8.14	6.98	4.65	3.82	2.10
5.10V	A	23.1	15.8	11.3	7.64	3.94	2.35	1.75	1.4	1.2	0.80	0.65	0.35
	W	124	88.4	63.0	42.9	22.3	13.5	10.1	8.14	7.02	1.66	3.82	2.07
5.25V	A	21	14.8	10.5	7.41	3.82	2.30	1.72	1.33	1.19	0.79	0.64	0.35
	W	115	84.0	59.9	42.6	22.1	13.4	10.0	7.78	6.98	4.63	3.81	2.07
5.40V	A	20.2	14.1	9.80	7.2	3.69	2.25	1.69	1.31	1.14	0.77	0.63	0.34
	W	113	81.4	56.4	41.7	21.5	13.2	9.97	7.71	6.72	4.54	3.73	2.03
5.55V	A	18.7	13.3	9.10	7.00	3.56	2.19	1.60	1.28	1.09	0.75	0.61	0.33
	W	106	77	53.0	41.0	20.9	12.9	9.53	7.64	6.49	4.47	3.70	2.01

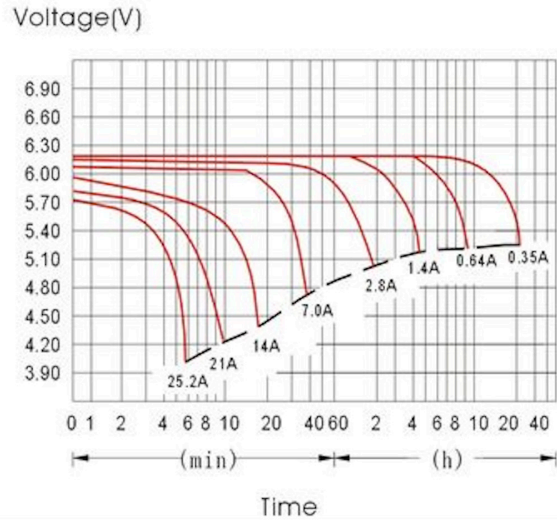


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## TERMINAL TYPE (MM)



## DISCHARGE CURVES (77°F)



## ORDERING INFORMATION

PART NUMBER	STOCK CODE	DESCRIPTION
F4P 0607	0330-8433	6 VOLT, 7 AH SLA BATTERY

## RESOURCES

MSDS/EDS/PRODUCT DATA SHEETS: [f4p-usa.com](http://f4p-usa.com)

CUSTOMER SERVICE: 772-878-4944

## DISCLAIMER

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies. No other warranties apply, including fitness for a particular purpose.