



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

## 12 VOLT, 12 AH SLA BATTERY TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

Experience dependable power with the F4P F4P 1212 12 Volt, 12 AH SLA Battery, designed for a variety of electrical applications. Encased in robust ABS plastic, this sealed lead acid battery ensures safety and longevity, providing stable and efficient power output. Certified under CE and RU standards, it is an excellent choice for those seeking a reliable power source in their electrical systems. Ideal for both commercial and personal use, the F4P F4P 1212 offers durability and performance in a compact form.



### FEATURES

- Nominal Voltage: 12V
- Rated Capacity: 20 hour rate 12Ah
- Weight: 7.37lbs

### CHARACTERISTICS

Capacity 25°C(77°F)	20 hour rate(0.60A)	12.0 AH
	10 hour rate(1.10A)	11.0 AH
	5 hour rate(2.04A)	10.2 AH
	1 hour rate(7.20A)	7.20 AH
	1.5 hour discharge to 5.25 V	4.8 A
Internal Resistance	Full charged Battery at 25°C(77°F)	18mΩ
Capacity affected by temperature (20 hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C (77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Terminal	T2	
Charge (constant voltage)	Cycle	Initial charging current less than 4.80A Voltage 14.40-15.00V Time 14-16h
	Float	Voltage 13.50-13.80V

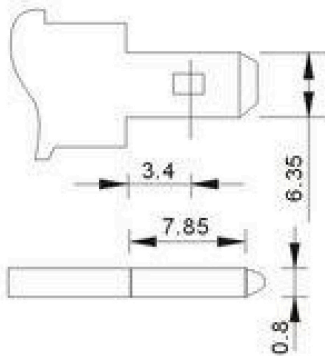
### CONSTANT CURRENT (AMP) AND CONSTANT POWER (WATT) DISCHARGE TABLE (77°F)

TIME		5MIN	10MIN	15MIN	30MIN	1H	2H	3H	4H	5H	8H	10H	20H
4.80V	A	43.2	28.3	21	13.8	7.2	4.2	3.09	2.48	2.11	1.39	1.13	0.62
	W	509.5	320	242	146.5	83	48.6	35.75	28.7	24.35	16.05	13.15	7.2
5.10V	A	39.6	27.1	19.3	13.1	6.76	4.03	3	2.4	2.06	1.37	1.12	0.61.
	W	479.5	303	227.5	145.5	78	46.7	34.75	27.8	23.9	15.8	12.9	7
5.25V	A	36.1	25.3	18	12.7	6.54	3.95	2.95	2.28	2.04	1.35	1.1	0.6
	W	463	294	217.5	144.01	75.7	45.8	34.15	26.4	23.75	15.65	12.8	6.95
5.40V	A	34.6	24.2	16.8	12.4	6.32	3.85	2.9	2.24	1.95	1.31	1.07	0.59
	W	406	285	209.5	113.5	73.5	44.8	33.75	26.08	22.7	15	12.5	6.8
5.55V	A	32	22.8	15.6	12	6.1	3.75	2.75	2.2	1.87	1.28	1.05	0.57
	W	392.5	275.5	199.5	142.5	72.5	44.5	32.75	26	22.2	14.5	12.25	6.75

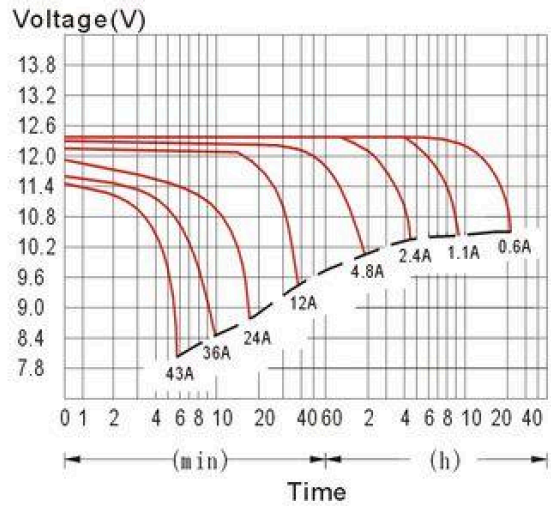


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## TERMINAL TYPE (MM)



## DISCHARGE CURVES (77°F)



## ORDERING INFORMATION

PART NUMBER	STOCK CODE	DESCRIPTION
F4P 1212	0330-8436	12 VOLT, 12 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.