



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

12 VOLT, 7 AMP SLA BATTERY TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The F4P F4P 1270 12 Volt, 7 AMP SLA Battery is your go-to choice for reliable and durable power storage. Encased in robust ABS plastic, this sealed lead acid battery delivers optimal performance for backup systems, emergency lighting, and other critical applications. With a nominal capacity of 7AH and a voltage of 12V, it ensures consistent power delivery and longevity. Ideal for a wide range of electrical needs, this battery is designed to provide safety and efficiency in any setting.



FEATURES

- Nominal Voltage: 12V
- Rated Capacity: 20 hour rate 7.0Ah
- Weight: 4.73lbs

CHARACTERISTICS

Capacity 25°C(77°F)	20 hour rate(0.60A)	7.00 AH
	10 hour rate(1.10A)	6.40 AH
	5 hour rate(2.04A)	6.00 AH
	1 hour rate(7.20A)	4.20 AH
	1.5 hour discharge to 10.5 V	2.8 A
Internal Resistance	Full charged Battery at 25°C(77°F)	24mΩ
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 2.80A Voltage 14.40-15.00V Time 10-12h
	Float	Voltage 13.50-13.80V

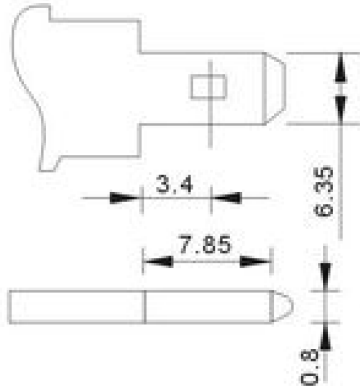
CONSTANT CURRENT (AMP) AND CONSTANT POWER (WATT) DISCHARGE TABLE (77°F)

TIME		5MIN	10MIN	15MIN	30MIN	1H	2H	3H	4H	5H	8H	10H	20H
4.80V	A	25.2	16.5	12.3	8.05	4.20	2.45	1.80	1.45	1.23	0.81	0.66	0.36
	W	262	177	131	86.6	45.4	26.9	20.1	16.3	14.0	9.29	7.65	4.12
5.10V	A	23.1	15.8	11.3	7.64	3.94	2.35	1.75	1.40	1.20	0.80	0.65	0.35
	W	248	177	126	85.8	44.6	27.1	20.3	16.3	14.0	9.32	7.64	4.14
5.25V	A	21.0	14.8	10.5	7.41	3.82	2.30	1.72	1.33	1.19	0.79	0.64	0.35
	W	231	168	120	85.3	44.2	26.7	20.1	15.6	14.0	9.26	7.62	4.14
5.40V	A	20.2	14.1	9.80	7.20	3.69	2.25	1.69	1.31	1.14	0.77	0.63	0.34
	W	227	163	113	83.5	42.9	26.3	19.9	15.4	13.4	9.09	7.45	4.06
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	212	154	106	81.9	41.8	25.9	19.1	15.3	13.0	8.94	7.39	4.03

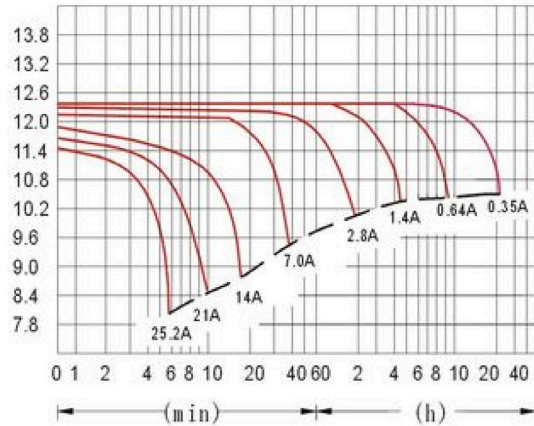


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TERMINAL TYPE (MM)



DISCHARGE CURVES (77°F)



ORDERING INFORMATION

PART NUMBER	STOCK CODE	DESCRIPTION
F4P 1270	0287-1594	12 VOLT, 7 AMP SLA BATTERY

RESOURCES

MSDS/EDS/PRODUCT DATA SHEETS: 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.