



# PowerSafe® FTA-P

Telecommunications

NEBS™ Certified

## Battery Range Summary

The multi-directional post design make the PowerSafe® FTA-P cells easily configurable in any orientation, with cells either perpendicular to the rack support rails to optimize footprint or parallel to enable easy connector maintenance while the system is online.

Standard features like thick positive grids ensure excellent long duration discharges. The battery design features antimony plates which demonstrate maximized performance in cycling applications and allow the battery to tolerate higher temperatures.

The PowerSafe FTA-P battery series also employs a Slide-Lock™ post seal that allows for natural plate growth over time without degrading the seal. The innovative tongue-and-groove jar-to-cover seal provides a reliable, robust air tight seal.



### Features and Benefits

- Capacity range 840 - 1810Ah
- Lead-antimony alloy
- Configurable jar/plate orientation
- Ideal for long duration float applications
- Standard Styrene Acrylonitrile (SAN) jar with flame retardant PVC cover; flame retardant UL94 V-0 jar available
- Lead-antimony grids maximize performance in cycling applications
- 20 year life expectancy in float service at 77°F (25°C) ambient temperature

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## Construction

- 0.32" thick positive plates provide excellent long discharge rates and long life
- Negative plate designed to balance active material and enhance performance in float applications
- Separator – microporous rubber with "Vitrex" glass fiber retainers
- Standard Styrene Acrylonitrile (SAN) jar with flame retardant PVC cover; flame retardant UL94 V-0 jar available
- Electrolyte – dilute sulfuric acid with specific gravity of 1.215
- Slide-Lock™ post seal design
- Flame arrestors – included for increased operational safety

## Installation and Operation

- Configurable jar/plate orientation for either optimal footprint or easy connector maintenance
- Dual posts for high current carrying capacity
- Excellent long discharge performance
- 20 year life expectancy in float service at 77°F (25°C)
- Lead plated copper inter-cell connectors
- Operating temperature: 32°F (0°C) to 104°F (40°C)  
Recommended temperature: 68°F (20°C) to 86°F (30°C)

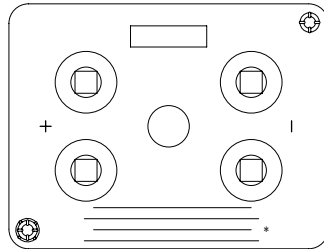
## Standards

- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified

## General Specifications

Cell Type	Nominal Ah Capacity*	Nominal Dimensions						Weight - Volumes					
		Length		Width		Height		Unpacked		Electrolyte only 1.215 S.G.			
		in	mm	in	mm	in	mm	lbs	kg	lbs	kg	gal	liters
FTA 11P	840	11.1	282	14.5	368	22.7	577	217.6	98.9	79.4	36.4	7.9	30.1
FTA 21P	1680	11.1	282	14.5	368	22.7	577	302.3	137.4	70.1	31.8	6.9	26.2
FTA 23P	1810	11.1	282	14.5	368	22.7	577	319.2	145.1	67.9	30.8	6.7	25.4

\* Nominal Ah capacity is based on an 8 hour rate to 1.75 volts per cell @ 77°F (25°C)



\* Plate Direction

