

Maintenance free sealed lead acid batteries *APS Front Terminal (FX) Series*

APS12-155FX (12V 155Ah)



Dimensions

Length: 546 mm
Width: 125 mm
Height: 315 mm
Total Height: 315 mm
Approx. Weight: 61.6 Kg

APPLICABLE STANDARDS

- IEC60896-2, BS 6290-4, DOT 167, UL, CE

APPLICATIONS

- Telecommunications
- Uninterruptible Power Systems
- Communication system
- Microprocessor based office machines
- Other standby power supplies



APS Front Terminal Series batteries are designed for applications such as telecoms and other communications system. With 12+ years design life, the batteries comply with the most popular international standards such as IEC896-21/22, BS6290-4 and Eurobat Long Life. The battery containers and covers are UL94-V0 flame retardant ABS plastic. With more than 15 years of production experience the **APS Front Terminal Series** of VRLA batteries are recognized as one of the most reliable and high quality battery system in the telecommunications industry.

INNOVATIVE FEATURES

- Heavy duty Pos. & Neg. plates
- Corrosion resistant, long life
- Absorbent Glass Matt (AGM)
- Copper threaded inserted terminals
- front access terminal for ease of installation
- High reliability terminal seal
- Suitable for 19" 23" & ETSI racking

TECHNICAL SPECIFICATIONS

Voltage 12 volt nominal
Plate alloy Lead Calcium Tin
Container/Case ... ABS, UL94-V0 flame retardant
Charge voltage Float: 13.6 to 13.8 V @ 25 deg C
Max. Recharge 0.3 C10 (Amperes)
Shelf life 6 months @ 25 deg C
Design life 12+ years

APS12-155FX Technical Specifications

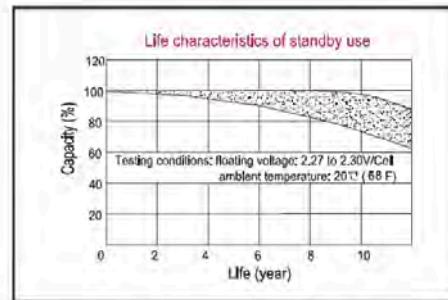
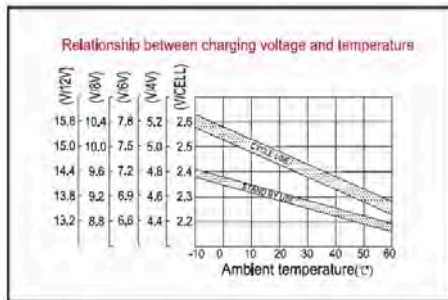
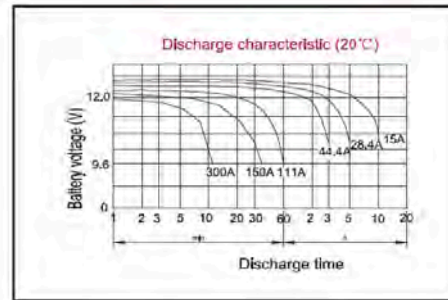
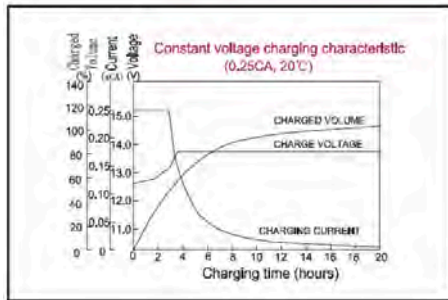
Constant Current Discharge Data (Amperes @ 20°C)

End Voltage Per cell/V	15min	30min	45min	1hr	3hr	5hr	10hr
1.60	288	186	138	116	47.5	31.0	16.0
1.65	277	177	133	114	47.1	30.7	15.8
1.70	262	170	129	111	46.7	30.4	15.7
1.75	250	164	125	107	46.3	30.2	15.6
1.80	228	151	119	102	46.0	30.0	15.5

Constant Power Discharge Data (Watt per cell @ 20°C)

End Voltage Per cell/V	15min	30min	45min	1hr	3hr	5hr	10hr
1.60	499	320	249	212	95.1	62.0	33.4
1.65	474	308	244	209	94.4	61.5	33.1
1.70	449	301	238	204	93.7	61.0	32.9
1.75	430	293	232	200	92.5	60.5	32.6
1.80	408	282	229	196	91.0	60.0	32.4

*All data is within standard production tolerances, electrical values are approximate and APS reserves the right to modify data without prior notice. NB. The above characteristics data are average values obtained within three charge/discharge cycles not minimum values.



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