

Dimensions

Length: 564 mm
 Width: 115 mm
 Height: 189 mm
 Total Height: 189 mm
 Approx. Weight: 28.2 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 10 years design life, the batteries comply with the most popular international standards such as IEC896-21/22, BS6290-4 and Eurobat High Performance. 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. Charge 0.3 C10 (Amperes)
 Shelf life 6 months @ 25 deg C
 Design life 10 years

APS12-80F Technical Specifications

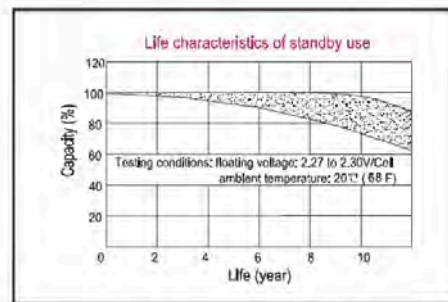
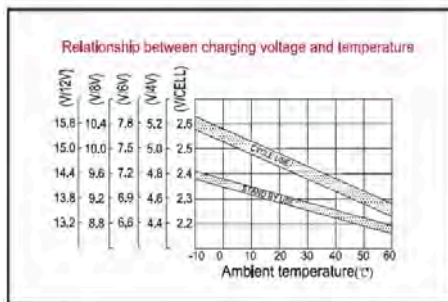
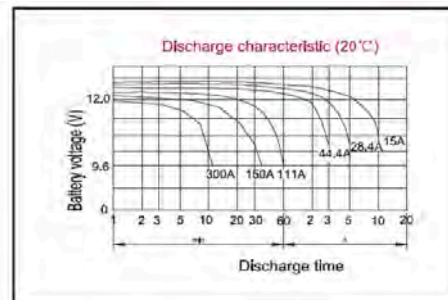
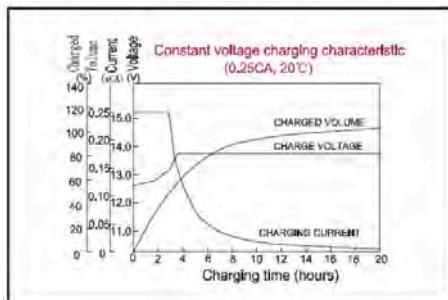
Constant Current Discharge Data (Amperes @ 20°C)

End Voltage Per cell/V	15min	30min	45min	1hr	3hr	5hr	10hr
1.60	141	92.1	70.4	56.3	23.2	14.8	8.07
1.65	133	88.7	68.3	55.2	22.9	14.7	8.05
1.70	123	85.2	66.3	54.0	22.6	14.6	8.04
1.75	115	81.6	64.2	52.9	22.2	14.5	8.02
1.80	105	78.1	62.1	51.8	21.8	14.4	8.00

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

End Voltage Per cell/V	15min	30min	45min	1hr	3hr	5hr	10hr
1.60	255	178	137	110	45.6	29.6	15.5
1.65	242	171	133	107	45.1	29.5	15.5
1.70	230	164	128	104	44.6	29.2	15.4
1.75	216	156	123	102	44.0	29.0	15.4
1.80	203	150	119	98.8	43.3	28.7	15.4

*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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