



Specification Sheet Ritar Battery - 105Ah12V Ritar Battery - AGM Deep Cycle Maintenance Free Model: FT12-105



SPECIFICATIONS:

Technology AGM deep cycle maintenance free
Cells Per Unit..... 6
Voltage Per Unit 12V
Capacity 105Ah@10hr-rate to 1.80V per cell @25deg Celsius
Weight Approx. 32.0 Kg (Tolerance $\pm 2\%$)
Max. Discharge Current .. 1050A A (5sec)
Internal Resistance Approx. 6.5 milliohm ($m\Omega$)
Design Life 12 years (float charging)
Recommended Maximum
Charging Current 31.5Amp
Reference Capacity C3---78.3AH
 C5---90 AH
 C10--105.0AH
 C20--111.1AH
Standby Use Voltage 13.6 V~13.8 V @ 25deg calcium
 Temperature Compensation: -3mV/deg Celsius/Cell
Cycle Use Voltage 14.6 V~14.8 V @ 25deg Celsius
 Temperature Compensation: -4mV/deg Celsius/Cell
Operating
Temperature Range Discharge: -20deg to 60deg Celsius
 Charge: 0deg to 50deg Celsius
 Storage: -20deg to 60deg Celsius
Normal Operating
Operating Temp Range 25deg ± 5 deg Celsius
Self Discharge RITAR Valve Regulated Lead Acid (VRLA) batteries
 can be stored for more than 6 months at 25deg Celsius.
 Monthly self-discharge ratio is less than 3% at 25deg Celsius.
 Please charge batteries before using.
Container Material A.B.S. UL94-HB, UL94-V0 Optional.
Dimension (mm)..... 508(L) 110(W) 236(H)
Terminal Terminal F8/F14

APPLICATION NOTE:

FT (Front Terminal) Series is specially designed for telecom use with 12 years design life in float service. By adopting a new AGM separator and centralized venting system, the battery can be installed in any position while maintaining high reliability. The dimensions of the FT series are designed for 19" and 23" cabinet installation. It is suitable for telecom EPS/EPS, applications.