Constant Current Discharge -Amp 25˚C

F.V/Time	5min	10min	15min	30min	1Hour	2Hours	3Hours	4Hours	5Hours	10Hours	20Hours
1.65	119	85.8	67.2	42.3	31.7	24.6	14.8	10.8	7.15	4.27	1.95
1.70	114	80.8	63.3	40.0	29.7	23.5	14.4	10.5	6.86	4.11	1.87
1.80	89.5	67.6	54.0	36.8	27.4	22.9	13.8	10.0	6.54	3.87	1.76

Constant Power Discharge -Amp 25˚C

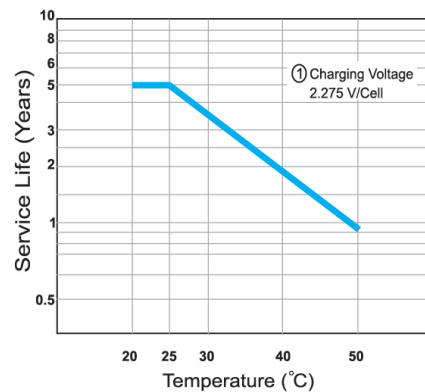| Cutt off voltage V/cell	5min	10min	15min	30min	1Hour	2Hours	3Hours	4Hours	5Hours	10Hours	20Hours
1.60	219	158	125	77.6	58.2	49.3	28.0	19.9	13.4	7.47	3.23
1.65	209	154	122	77.0	57.8	47.7	27.1	19.7	13.2	7.41	3.21
1.70	203	149	117	74.7	55.7	46.3	26.7	19.3	12.8	7.25	3.11
1.75	189	140	113	74.5	54.8	46	26.5	19.2	12.7	7.18	3.05
1.80	167	129	104	70.8	52.8	45.2	26.1	18.8	12.5	6.94	2.96

Performance Curve
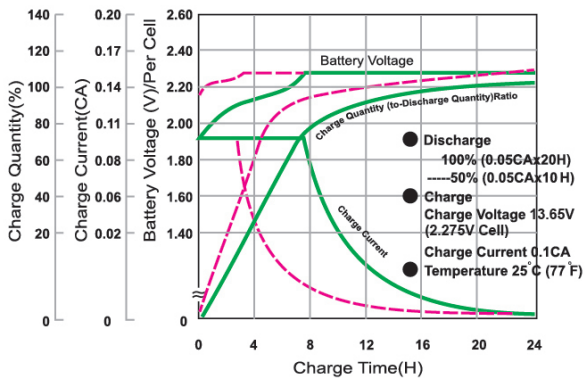
Charge Characteristics
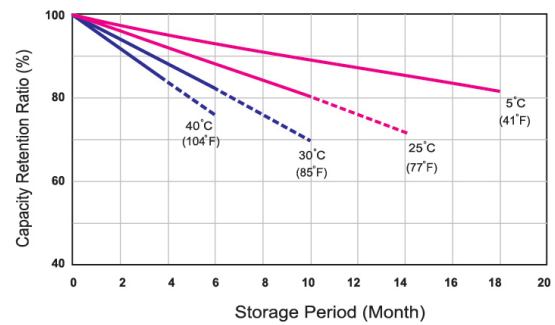
Self-Discharge Characteristics
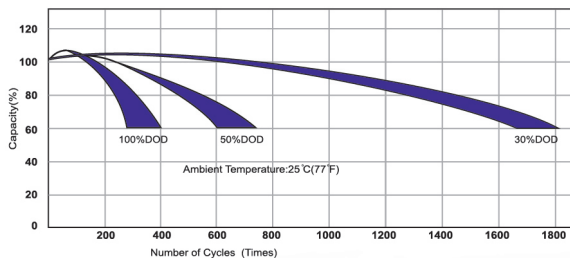
Cycle life in relation to depth of discharge

Temperature effects float life

FARPAK
EP

Fp 12-65 / 20HR

Dimensions:

B5 Terminal

5 ±1.5 [0.2±0.06]

174 ±1.5 [6.85±0.06]

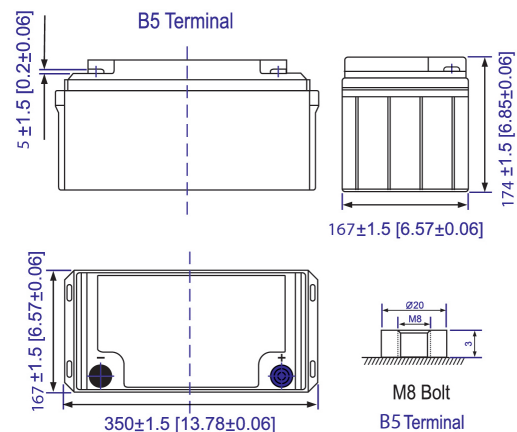167±1.5 [6.57±0.06]

167 ±1.5 [6.57±0.06]

350±1.5 [13.78±0.06]

Ø20
M8
3

M8 Bolt
B5 Terminal

Main Application:
- Backup power for telecom and signal system
- Military field, railway system, power system
- UPS & emergency lighting system
- Fire alarm and security system

General features:
- Sealed and maintenance free operation.
- High energy density, low resistance and low discharge rate
- High quality and high reliability
- Safety valve installation for explosion proof

Technical Parameters:

Battery Model	FP 12-65			
Designed floating Life	5˜7 Years			
Capacity(25˚C)	20HR(3.5A,10.5V)	10HR(6.5A,10.5V)	5HR(10.4A,10.5V)	1HR(39.0A,9.6V)
	69.0Ah	65Ah	52Ah	39Ah
Dimensions	Length	Width	Height	Total Height
	350mm	167mm	175mm	174mm
Approx. Weight	21.2kg±1%			
Internal Resistance	Full charge at 25˚C:7.5mΩ			
Self-Discharge	< 3% of capacity declined per month at 25˚C			
Capacity Affected by Temp(20HR)	40˚C	25˚C	0˚C	-15˚C
	102%	100%	85%	65%
Charge Voltage (25˚C)	Cycle use		Float use	
	14.4-14.7(-30mV/˚C)		13.5-13.8V(-20mV/˚C)	