



PYL12V100FA

12V 102Ah-8Hr



Proven in the real world, the PYL Series of telecom batteries provides security and long life in extreme climates where other VRLA batteries just don't survive. The PYL technology utilizes proprietary lead alloys and active material additives. The PYL Series is the most cost effective battery solution over the total life cycle and for initial installation in your network.

- Primary lead for Long Life
- UL94 V-0 flame retardant case
- High temperature, long life design
- AGM and spill-proof construction
- Harnesses/connecting bars available
- No maintenance required
- 12+ years design life per Telcordia specifications
- SR-4228 compliant
- UL recognized
- ABS plastic case for durability

SPECIFICATIONS

* Maximum Charge Current is 25% of the 8 Hr. Rate

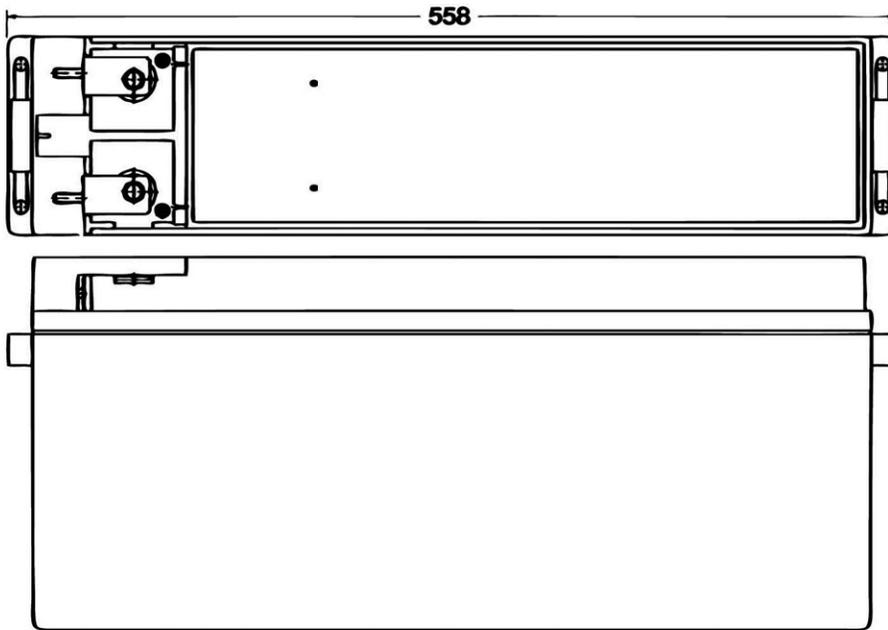
Nominal Voltage (V)	Rated Capacity Rate In Ah * 8 Hr	Ambient Temperature		Outer Dimensions								Weight		Terminal
		Charge / Discharge	Storage	L		W		H		TH		kg	lbs.	
				mm	in.	mm	in.	mm	in.	mm	in.			
12	102 Ah	-15 to 50°C (5 to 122°F)	-15 to 40°C (5 to 104°F)	558	22.0	125	4.9	233	9.2	233	9.2	41.0	90.3	Front-M6 Bolt

Amperes to Final voltage: 1.75V per cell @ 25°C (77°F)

DISCHARGE TIME (Hr)										
2	3	4	5	6	7	8	9	10	12	20
35.8	28.2	22.2	18.5	16.0	14.2	12.8	11.3	10.4	9.3	5.4

Watts to Final voltage: 1.75V per cell @ 25°C (77°F)

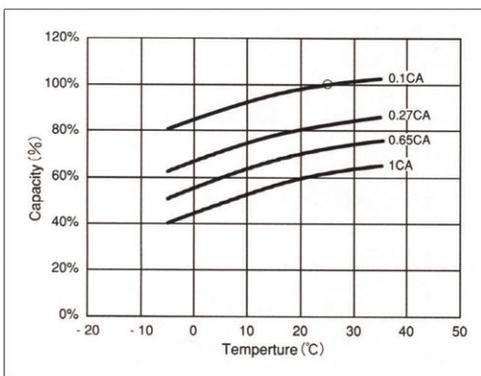
DISCHARGE TIME (Hr)										
2	3	4	5	6	7	8	9	10	12	20
444	324	256	213	182	160	142	127	117	103	63



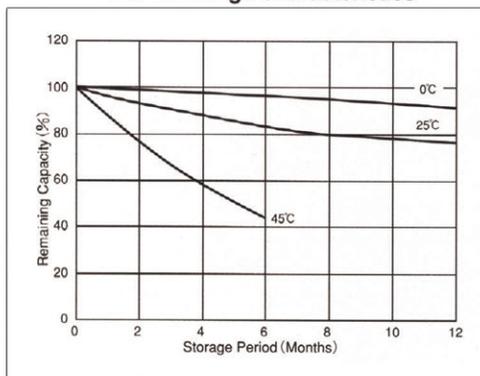
units: mm

- **Float Charge Voltage: 13.65V +/- 0.15V**
- **Temperature Compensation: The recommended compensation factor is -3mv/°C/cell. The standard center point for temperature compensation is 25°C.**
- **Internal Resistance: Approximately 5.0 mΩ measured with 1kHz AC bridge**
- **Terminal Torque: 43.4 in. lbs. (4.9Nm)**

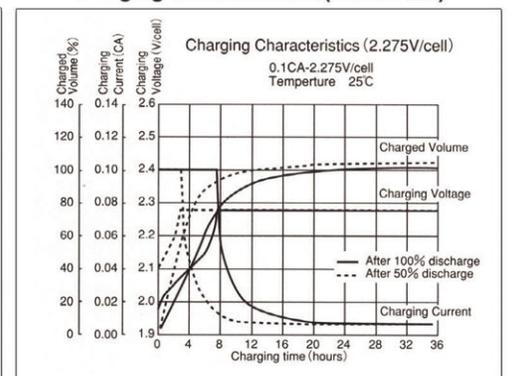
Temperature and Discharge Capacity



Self-discharge Characteristics



Charging Characteristics(2.275V/cell)



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www.gsbattery.com



International Certification
 (1).ISO 9001, TS16949
 (2).UL approval, Code : MH12970