



PYL12V100FT 12V 100Ah-8Hr

HIGH TEMPERATURE SUPER LONG LIFE BATTERY with *HT X Alloy™*

TECHNICAL DATA SHEET



HIGH TEMPERATURE LONG LIFE DESIGN

- + *HT X Alloy™* extends life in high temp applications
- + Additives to maintain compression
- + Designed to control charging current as temperature increases
- + No thermal runaway
- + Epoxy sealed terminals to prevent post leaks
- + Rugged ABS cases to minimize handling damage

10+ YEAR DESIGN LIFE

- + Exceeds Telcordia GR-1200 criteria
- + Greater than 5 years at 35°C

COMPLIANCE

- + VZ TPR-9802
- + GR-4228
- + GR-1089
- + GR-63 NEBS

SAFETY

- + UL 94V-0
- + UL 1989

SPECIFICATIONS

MODEL	NOMINAL VOLTAGE (V)	*RATED CAPACITY at 8 Hr (Ah)	** OPERATING RANGE	L		W		H		TH		WEIGHT		TERMINAL
				mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.	
PYL12V100FT	12	100	-40 to 65°C (-40 to 149°F)	508	20.0	106	4.2	236	9.3	236	9.3	34.9	76.9	Front-M6 Bolt Top-M6 Bolt

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

**Refer to Product Manual for optimum temperature range

AMPERES TO FINAL VOLTAGE: 1.75V@25°C (77°F)

MODEL	DISCHARGE TIME (Hr)										
	2	3	4	5	6	7	8	9	10	12	20
PYL12V100FT	40.4	28.9	23.0	18.9	15.9	14.0	12.5	11.6	10.2	9.2	5.2

WATTS TO FINAL VOLTAGE: 1.75V@25°C (77°F)

MODEL	DISCHARGE TIME (Hr)										
	2	3	4	5	6	7	8	9	10	12	20
PYL12V100FT	467	337	267	219	188	167	146	137	119	110	63