



PYL12V200FT

Valve Regulated Lead-Acid (VRLA)
Absorbed Glass Mat (AGM)

GS PYL Series with **HT X Alloy™**, high temperature batteries optimized for performance and life

SPECIFICATIONS

Battery Model:	PYL12V200FT
Nominal Voltage:	12
Capacity: 8-hr rate, 1.75vpc @ 25°C (77°F)	200.0
20-hr rate, 1.75vpc @ 25°C (77°F)	218.0
Case Material:	UL94V-0
Terminal Options:	Front - M6 Top - M8
Terminal Torque (Terminals using Bolts):	M6, 4.9Nm (43 in-lb) M8, 10.17Nm (90 in-lb)
Dimensions:	
◦ Length (mm inches)	604.0 23.78
◦ Width (mm inches)	123.0 4.84
◦ Case Height (mm inches)	320.0 12.60
◦ Height over Terminal (mm inches)	320.0 12.60
Weight (kg lbs):	67.0 147.71
Short circuit current (A):	3850
Maximum charge current (A):	50.0
Internal Resistance (mΩ):	2.5

GENERAL

Design Life:	10+ Years More than 5 years at 35°C Exceeds Telecordia GR-1200 criteria
Flame arresting one-way vent	
Epoxy sealed terminals to prevent post leaks	
Rugged ABS cases to minimize handling damage	
Storage:	
◦ Capacity loss per month at 25°C (77°F)	~3%
◦ In fully charged condition	-20°C to 60°C (-4°F to 140°F)
Operating Temperature Range:	-40°C to 65°C (-40°F to 149°F)
◦ Refer to Product Manual for optimum temperature range	
Float Charge Voltage:	
◦ Charge voltage at 25°C (77°F)	2.275±1%/cell
◦ Temperature correction factor from 25°C (77°F)	-3mV per °C/cell

Features providing longer life:

HT X Alloy™

Proprietary Additives

Lead Calcium Grids

Primary Lead

Strategic use of Tin

Optimized AGM Separators

Applications:

Telecom

Broadband

Emergency Lighting

Signaling and Traffic

Energy

Switchgear & Control

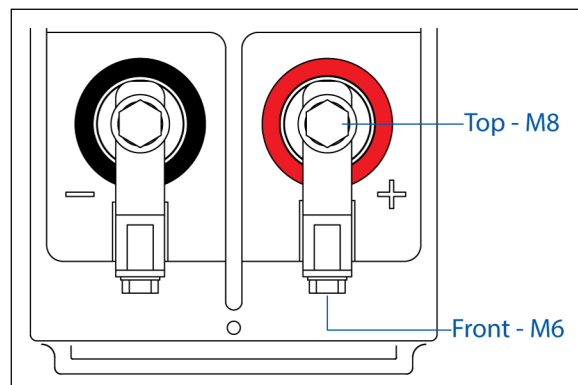
Non-spillable, meets or exceeds DOT and IATA requirements for non-hazardous transportation



CERTIFICATIONS/COMPLIANCE

- ISO 9001
- ISO 14001
- VZ TPR-9802
- GR-4228-CORE
- GR-1089
- GR-63 NEBS
- IEC 60896-21
- UL recognized component, UL1989
- TAA Compliant - Available
- DRC Conflict Free

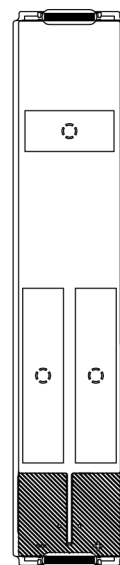
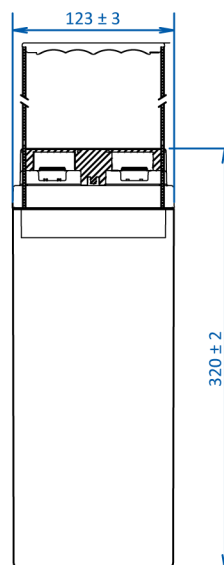
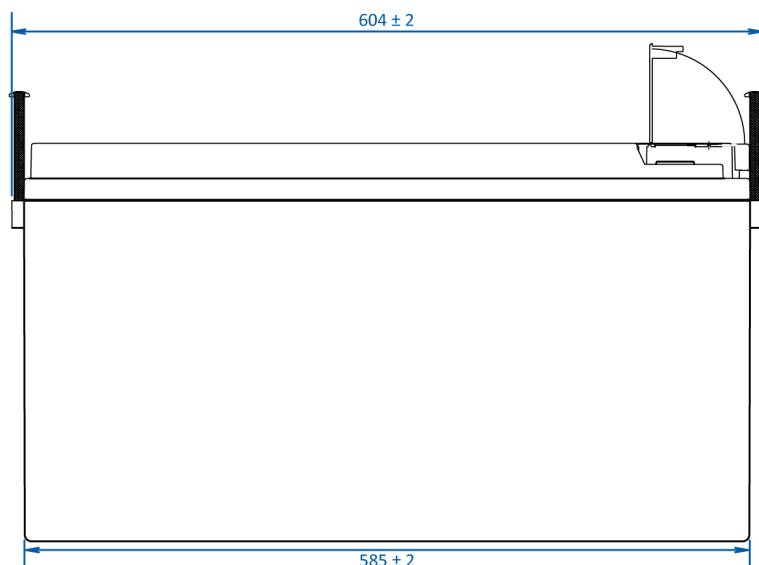
TERMINAL OPTIONS





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Discharge, Amps @ 25°C (77°F)

End vpc	1.5h	2h	3h	4h	5h	6h	7h	8h	10h	20h	24h
1.85vpc	91.3	73.9	53.1	41.9	35.1	30.2	26.5	23.3	19.5	10.3	8.60
1.80vpc	95.8	77.4	55.4	43.5	36.4	31.4	27.5	24.1	20.2	10.6	8.89
1.75vpc	100	80.7	57.5	45.1	37.7	32.4	28.4	25.0	20.8	10.9	9.16
1.70vpc	104	83.7	59.5	46.5	38.8	33.3	29.2	25.6	21.4	11.2	9.40

Discharge, Watts @ 25°C (77°F)

End vpc	1.5h	2h	3h	4h	5h	6h	7h	8h	10h	20h	24h
1.85vpc	1,087	885	639	505	423	365	320	281	236	124	104
1.80vpc	1,132	920	663	523	438	377	331	290	243	128	107
1.75vpc	1,171	952	685	539	451	388	340	298	250	131	110
1.70vpc	1,203	978	703	552	461	397	348	304	255	134	112

Order Number:

T64-0001-00

T64-0001-04

Description

Quantity 1, PYL12V200FT

Quantity 4, PYL12V200FT w/hardware

Distributed By:



WARNING: Cancer and Reproductive Harm. Wash hands after handling. www.P65Warnings.ca.gov