



PWL SERIES

SUPER LONG LIFE BATTERIES

BECAUSE WHEN THE POWER IS OUT, YOU DON'T WANT THEIR PHONES TO BE.



13 YEAR DESIGN LIFE

Exceeds Telcordia GR-1200 criteria



CAPACITY RANGE

25Ah - 155Ah



HIGH TEMPERATURE LONG LIFE DESIGN

Primary lead for long life
Low calcium alloy for long life
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



COMPLIANCE

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



SAFETY

UL 94V-0
UL 1989

ABOUT THE PWL SERIES

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



ABOUT GS

GS BATTERY (U.S.A.) INC. is an American subsidiary of GS Yuasa Corporation Japan, the global leader in energy storage. Our batteries and energy storage systems are manufactured to the highest standards and deliver high quality, long life and superior performance in a wide variety of mission critical applications. GS Battery's products deliver reliable battery power for Telecommunications, Renewable Energy, Uninterruptible Power Supply (UPS), Emergency Lighting, Power Sports, and Automotive industries.

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SPECIFICATIONS

MODEL	NOMINAL VOLTAGE (V)	*RATED CAPACITY at 8 Hr (Ah)	***RECOMMENDED TEMPERATURE		L		W		H		TH		WEIGHT		TERMINAL
			Charge / Discharge	Storage	mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.	
PWL12V28	12	25	-0 to 40°C (32 to 104°F)	-20 to 40°C (-4 to 104°F)	166	6.5	125	4.9	175	6.9	175	6.9	8.9	19.6	Top-M5 Bolt & Nut
PWL12V28-R**		25			166	6.5	125	4.9	175	6.9	175	6.9	8.9	19.6	Top-M5 Bolt & Nut
PWL12V38		32			197	7.8	163	6.4	174	6.9	174	6.9	14.0	30.8	Top-M5 Stud
PWL12V155FS		155			415	16.3	174	6.9	258	10.2	258	10.2	50.5	111.3	Front-M6 Bolt

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

**For SLC-96® 3A/3B and J1C182BA distributed power applications only

***Operating Humidity 5-85% RH

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	
PWL12V28	9.5	6.8	5.3	4.4	3.8	3.4	3.1	2.7	2.5	2.2	1.4	
PWL12V28-R**	9.5	6.8	5.3	4.4	3.8	3.4	3.1	2.7	2.5	2.2	1.4	
PWL12V38	12.9	9.2	7.3	6.1	5.2	4.6	4.1	3.7	3.4	2.9	1.9	
PWL12V155FS	58.4	42.2	33.3	27.9	24.4	21.5	19.4	17.7	16.2	14.1	8.6	

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	
PWL12V28	113	83	66	54	47	41	37	33	30	26	16	
PWL12V28-R**	113	83	66	54	47	41	37	33	30	26	16	
PWL12V38	153	112	89	74	63	56	50	45	41	35	22	
PWL12V155FS	690	497	392	329	300	260	228	206	190	166	100	



Dealer Information