



PXL SERIES

LONG LIFE BATTERIES

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

6-8 YEAR DESIGN LIFE

CAPACITY RANGE

+ 2.3Ah - 18.0Ah

SAFETY

+ UL 94V-0

+ UP 1989

HIGH RATE DISCHARGE 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



POWERING THE NEXT GENERATION



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SPECIFICATIONS

MODEL	NOMINAL VOLTAGE (V)	*RATED CAPACITY at 20 Hr (Ah)	**RECOMMENDED TEMPERATURE		L		W		H		TH		WEIGHT		TERMINAL		
			Charge / Discharge	Storage	mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.			
PXL06090	6	7.2	-0 to 40°C (32 to 104°F)	-20 to 40°C (-4 to 104°F)	151	5.94	34	1.34	94	3.70	101	3.98	1.45	3.20	F2 (250)		
PXL12050	12	5.0			90	3.54	70	2.76	102	4.02	110	4.31	1.90	4.19	F2 (250)		
PXL12072		7.2			151	5.94	65	2.56	94	3.70	101	3.98	2.65	6.06	F2 (250)		
PXL12090		7.2			151	5.94	65	2.56	94	3.70	101	3.98	2.85	6.28	F2 (250)		
PXL12120		11.0			151	5.94	98	3.86	94	3.70	101	3.98	4.40	9.70	F2 (250)		
PXL12180		18.0															

*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										
	10M	15M	30M	1H	2H	3H	4H	5H	8H	10H	20H
PXL06090	15.82	11.91	6.70	3.80	2.27	1.63	1.32	1.10	0.75	0.62	0.36
PXL12050	10.46	7.88	4.43	2.64	1.58	1.13	0.92	0.76	0.52	0.43	0.25
PXL12072	15.06	11.35	6.38	3.80	2.27	1.63	1.32	1.10	0.75	0.62	0.36
PXL12090	15.82	11.91	6.70	3.80	2.27	1.63	1.32	1.10	0.75	0.62	0.36
PXL12120	24.17	18.20	10.24	5.80	3.47	2.49	2.02	1.68	1.14	0.95	0.55
PXL12180	39.54	29.79	16.75	9.50	5.67	4.07	3.31	2.75	1.86	1.55	0.90

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

MODEL	DISCHARGE TIME										
	10M	15M	30M	1H	2H	3H	4H	5H	8H	10H	20H
PXL06090	95.57	70.35	39.85	23.35	13.79	9.97	8.04	6.72	4.56	3.81	2.11
PXL12050	126.41	94.86	54.26	32.43	19.14	13.85	11.16	9.33	6.33	5.29	2.93
PXL12072	182.03	136.60	78.14	46.70	27.57	19.94	16.07	13.43	9.12	7.62	4.21
PXL12090	191.13	140.69	79.70	46.70	27.57	19.94	16.07	13.43	9.12	7.62	4.21
PXL12120	292.01	219.12	125.35	71.35	42.12	30.47	24.56	20.52	13.93	11.65	6.44
PXL12180	477.84	351.74	199.25	116.75	68.92	49.86	40.19	33.57	22.79	19.06	10.53

ABOUT GS YUASA ENERGY SOLUTIONS, INC.

GS Yuasa Energy Solutions, Inc. is an American subsidiary of GS Yuasa Corporation, the world's second largest battery company and a 100+ year old Japanese corporation. GS Yuasa Energy Solutions (GYES) was formed in 2019 to address the growing energy storage and reserve power markets. GYES brings together and leverages GS Yuasa Group's advanced technologies with proven American market successes in lithium, telecom, UPS, alarm & security, and energy storage into a single business unit.



GS Yuasa Energy Solutions, Inc.
 1150 Northmeadow Pkwy. Suite 110
 Roswell, GA 30076 (800) 472-2879
www.gsyuasa-es.com

