



SWU SERIES

LONG LIFE UPS BATTERIES with *HT Element X Alloy™*

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Proven in the real world, the SWU Series of telecom batteries provides security and long life in extremely hot climates where other VRLA batteries just don't survive. The SWU technology utilizes GS Yuasa Energy Solutions' proprietary *HT Element X Alloy™* and active material additives. The SWU Series is the most cost effective battery solution over the total life cycle and for initial installation in your network.

10 YEAR DESIGN LIFE

- + Standby application

CAPACITY RANGE

- + 200WPC - 600WPC (15 min. rate)

COMPLIANCE

- + UL 1989
- + IEC 60896-21+22
- + ISO 9001:2000 factory manufactured
- + UL 94V-0

LONG LIFE DESIGN

- + *HT Element X Alloy™* extends life in high temp applications
- + 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
- + AGM Technology enables Spill Proof Operation
- + High gas recombination efficiency



POWERING THE NEXT GENERATION



SWU SERIES

HIGH TEMPERATURE LONG LIFE
UPS BATTERIES with *HT Element X Alloy™*

SPECIFICATIONS

MODEL	NOMINAL VOLTAGE (V)	Watts per batt @25°C FV1.67 15min	* OPERATING TEMP RANGE	L		W		H		TH		WEIGHT		TERMINAL
				mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.	
SWU210-12FR	12	1263	-40 to 65°C (-40 to 149°F)	226	8.90	135	5.31	210	8.27	210	8.27	18.4	40.6	M6
SWU300-12FR		1850		259	10.20	168	6.61	213	8.37	213	8.37	27.0	59.53	M6
SWU360-12FR		2147		305	12.01	173	6.81	224	8.80	224	8.80	31.0	68.34	M6
SWU425-12FR		2548		305	12.01	173	6.81	223	8.80	223	8.80	32.9	72.5	M6
SWU500-12FR		3000		341	13.43	173	6.81	281	11.06	281	11.06	44.0	97.0	M6
SWU585-12FR		3503		341	13.43	173	6.81	281	11.06	281	11.06	48.6	107.15	M6

*Refer to Product Manual for optimum temperature range

DISCHARGE WATTS PER CELL@25°C FV1.67

MODEL	DISCHARGE TIME (Min.)											
	5	6	7	8	9	10	15	20	30	40	50	60
SWU210-12FR	337	319	304	290	277	266	211	169	125	104	87	72
SWU300-12FR	510	475	447	425	411	389	308	256	190	153	132	112
SWU360-12FR	615	574	539	514	496	477	358	292	217	175	151	126
SWU425-12FR	714	669	625	586	556	537	425	348	266	204	168	149
SWU500-12FR	784	738	700	668	643	619	500	411	308	251	213	182
SWU585-12FR	899	839	789	751	725	700	584	480	350	282	242	212

DISCHARGE WATTS PER BATT@25°C FV1.67

MODEL	DISCHARGE TIME (Min.)											
	5	6	7	8	9	10	15	20	30	40	50	60
SWU210-12FR	2021	1914	1821	1739	1664	1595	1263	1013	748	621	523	430
SWU300-12FR	3057	2850	2681	2552	2465	2336	1850	1535	1140	920	790	670
SWU360-12FR	3690	3441	3237	3081	2977	2806	2147	1753	1302	1051	903	752
SWU425-12FR	4283	4012	3748	3517	3338	3222	2548	2089	1597	1224	1010	896
SWU500-12FR	4702	4425	4199	4008	3858	3712	3000	2463	1850	1504	1275	1089
SWU585-12FR	5395	5031	4732	4505	4352	4201	3503	2882	2097	1692	1453	1269

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.



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