



# SWU SERIES

LONG LIFE UPS BATTERIES with *HT X Alloy™*

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Proven in the real world, the SWU Series of UPS 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 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 - 750WPC (15 min. rate @ 25°C)

### FRONT & TOP TERMINAL DESIGNS

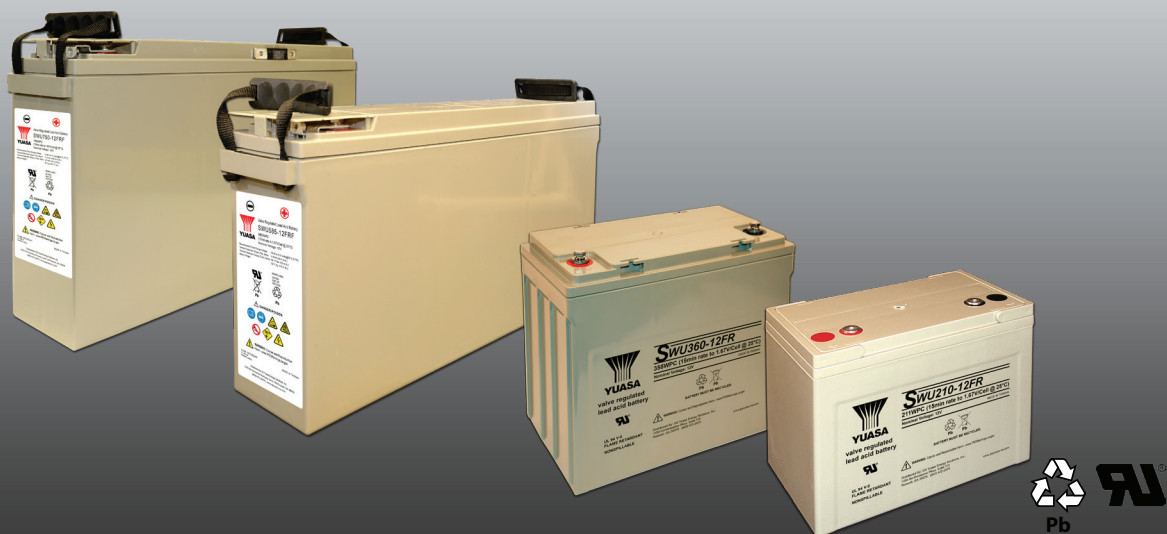
- + High temperature, long life battery configurations for all your equipment applications.

### COMPLIANCE

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

### LONG LIFE DESIGN

- + *HT 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



Creating the Future of Energy



# SWU SERIES

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

## SPECIFICATIONS

\*Refer to Product Manual for optimum temperature range

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
SWUF390-12FR		2345		508	20.00	106	4.17	236	9.29	236	9.29	34.0	74.95	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
SWUF590-12FR		3524		556	21.89	125	4.92	280	11.02	280	11.02	52.7	116.18	Top M8 Front M6
SWUF630-12FR		3800		556	21.89	125	4.92	317	12.48	317	12.48	60.7	133.82	Top M8 Front M6
SWUF750-12FR		4508		604	23.78	123	4.84	320	12.60	320	12.60	67.0	147.71	Top M8 Front M6

## 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	317	301	289	277	266	211	169	125	99	83	72
SWU300-12FR	510	477	450	428	408	389	308	256	190	153	128	112
SWU360-12FR	615	575	542	515	491	468	358	292	217	173	145	125
SWUF390-12FR	644	603	568	537	508	483	391	320	238	189	161	139
SWU425-12FR	714	658	609	583	560	537	425	348	266	204	170	149
SWU500-12FR	815	756	715	681	648	619	500	411	308	248	209	182
SWU585-12FR	931	863	809	766	733	700	584	480	350	283	243	212
SWUF590-12FR	910	857	814	780	749	719	587	480	359	287	241	209
SWUF630-12FR	1000	942	894	856	822	789	633	523	396	320	270	235
SWUF750-12FR	1129	1063	1010	967	929	891	751	629	468	374	314	275

## 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	1903	1807	1731	1662	1595	1263	1013	748	595	498	430
SWU300-12FR	3057	2859	2699	2568	2450	2336	1850	1535	1140	915	770	670
SWU360-12FR	3690	3447	3252	3090	2947	2805	2147	1752	1301	1038	869	752
SWUF390-12FR	3865	3620	3405	3220	3047	2900	2345	1917	1430	1131	966	832
SWU425-12FR	4283	3950	3651	3496	3358	3222	2548	2089	1597	1226	1020	896
SWU500-12FR	4890	4537	4290	4087	3888	3712	3000	2463	1850	1487	1252	1089
SWU585-12FR	5586	5179	4851	4594	4396	4201	3503	2882	2097	1695	1455	1269
SWUF590-12FR	5462	5142	4885	4678	4493	4311	3524	2878	2151	1722	1445	1254
SWUF630-12FR	6001	5650	5366	5137	4934	4734	3800	3136	2375	1917	1617	1412
SWUF750-12FR	6775	6378	6060	5803	5574	5348	4508	3776	2807	2245	1883	1651

### 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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