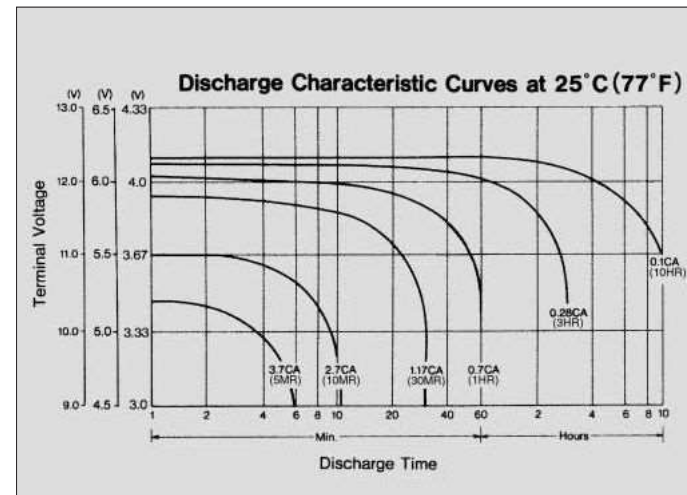


General Characteristics

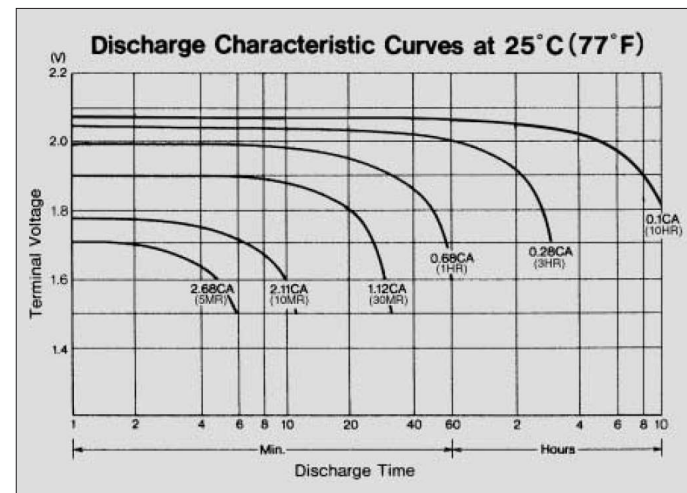
■DISCHARGING

FOR UXL33-12~UXL110-6 BATTERIES



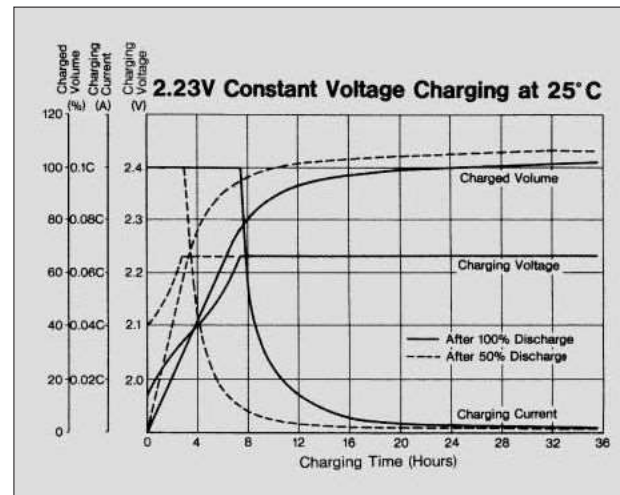
■DISCHARGING

FOR UXL165-2~UX3300-2 BATTERIES

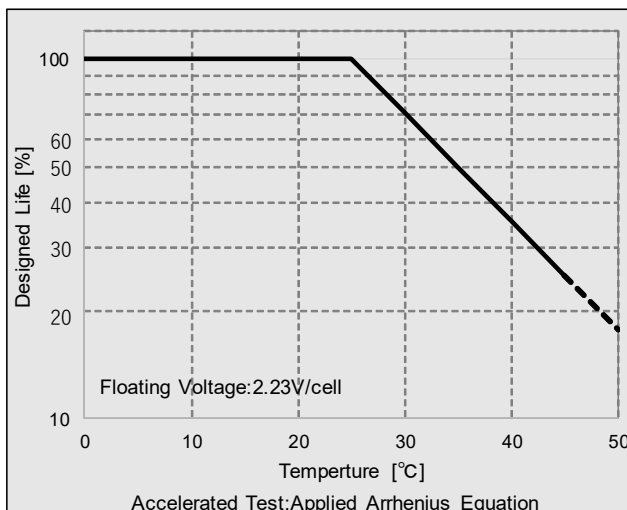


■CHARGING

FOR ALL MODELS



■ACCELERATED LIFE CHARACTERISTICS



"Yuasa" Brand Maintenance-Free
Valve Regulated Lead-Acid
Stationary Batteries

UXL SERIES

made in Japan



GS Yuasa International Ltd.

1-7-13, Shiba-koen, Minato-ku, Tokyo 105-0011, Japan
Phone: +81-3-5402-5717, FAX: +81-3-5402-5706
URL: <https://www.gs-yuasa.com/en/>

rev. 2022/03

UXL SERIES

Most reliable with longer life

Since 1984, the UXL Series battery has established reputation as a very reliable power source.

Yuasa is satisfied with this fact but, now, Yuasa has developed the New and Refined UXL Series which is the culmination of the Yuasa's 80 years ceaseless innovation.

The New and Refined UXL Series Batteries are made to meet the growing request for longer life and higher reliability with minimized maintenance.

Designed Life

UXL (Under 100Ah) ----- Over 10 years

UXL (Over 150Ah) ----- Over 15 years

Features

No free Acid (Non-spillable Battery)

Flame retardant version available.(UXL 165-2 and up)
(UL 94VO grade)

Maintenance free(no water topping-up required)

Valve regulated

No gas emission under normal floating operation

Fitted with explosion proof filter

No equalizing charge required

Excellent high rate discharge performance

Low self-discharge

Easy handling

Compact in size

UXL series comply with the Special Provision 238

under IATA UN2800 reguration and are considered

as Non-Spillable and Non-Dangerous goods.

Applications

Telecommunications

UPS

Alarm systems

Fire & security systems

Emergency lighting

Engine starting

Solar powered systems

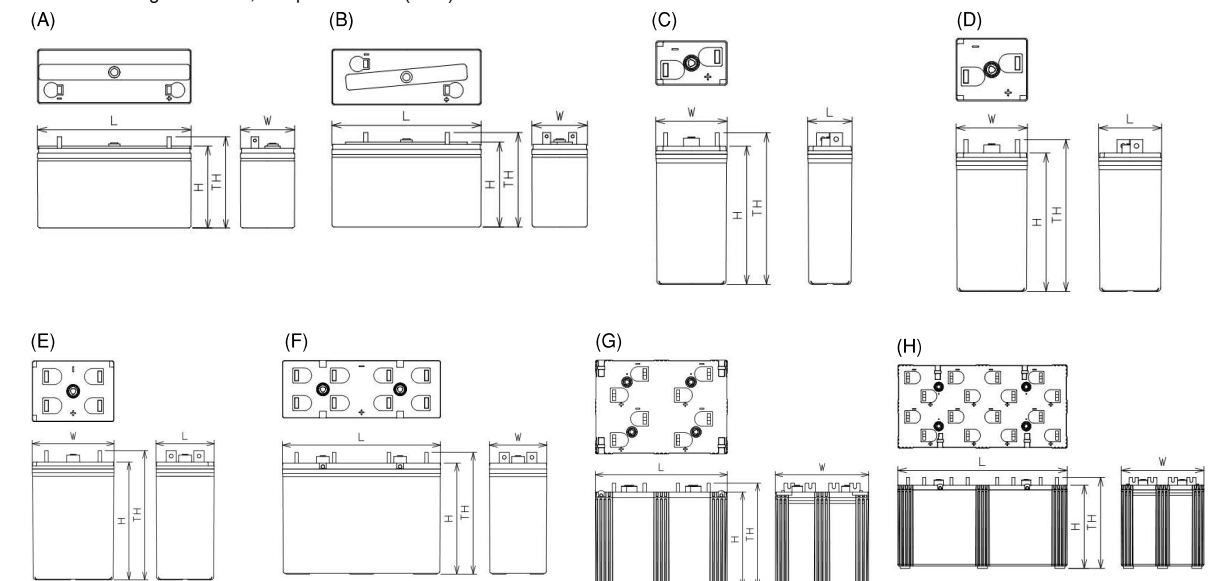
Utilities

General Specifications

Battery Model	FR Model*1	Nominal Voltage(V)	Capacity(Ah)		Dimensions(mm)				Approx Weight (kgs)	Figure
			10HR (NOMINAL)*2	1HR FV=1.6V/cell	Overall Height	Height	Width	Length		
UXL33-12		12	30	21	217	190	128	235	14.5	A
UXL44-12		12	40	28	217	190	128	299	18	A
UXL55-12		12	50	35	217	190	128	363	23	A
UXL66-6		6	60	42	217	190	128	217	14	B
UXL88-6		6	80	56	217	190	128	281	17.5	B
UXL110-6		6	100	70	217	190	128	345	22.5	B
UXL165-2	UXL165-2FR	2	150	105	354	330	170	106	12.5	C
UXL220-2	UXL220-2FR	2	200	140	354	330	170	106	15	C
UXL330-2	UXL330-2FR	2	300	210	354	330	170	150	21.5	D
UXL550-2	UXL550-2FR	2	500	350	354	330	171	241	35.5	E
UXL1100-2	UXL1100-2FR	2	1000	700	362	330	171	471	70	F
UXL1550-2	UXL1550-2FR	2	1500	1050	372	340	337	476	108	G
UXL2200-2	UXL2200-2FR	2	2000	1400	372	340	337	476	140	G
UXL3300-2	UXL3300-2FR	2	3000	2100	372	340	340	696	212	H

* 1 FR:UL94V0, flame retardant case and cover.

* 2 Final voltage:1.80V/cell, Temperature:25°C(77°F)



Constant Current Discharge Performance(Amps.)

Temperature : 25°C (77°F)

Amperes to F.V.1.80 Volts Per Cell

Battery Model	Time	1 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h	12 h	24 h
UXL33-12		93.8	81.1	61.2	50	42.9	37.5	33	30	27.3	24.6	20	11.5	8.1	5.4	3.6	3	2.6	1.4
UXL44-12		125	108	81.6	66.7	57.1	50	44	40	36.4	32.8	26.7	15.4	10.8	7.1	4.8	4	3.4	1.8
UXL55-12		156	135	102	83.3	71.4	62.5	54.9	50	45.5	41	33.3	19.2	13.5	8.9	6	5	4.3	2.3
UXL66-6		188	162	122	100	85.7	75	65.9	60	54.5	49.2	40	23.1	16.2	10.7	7.2	6	5.2	2.8
UXL88-6		250	216	163	133	114	100	87.9	80	72.7	65.6	53.3	30.8	21.6	14.3	9.6	8	6.9	3.7
UXL110-6		313	270	204	167	143	125	110	100	90.9	82	66.7	38.5	27	17.9	12	10	8.6	4.6
UXL165-2		300	267.9	227.4	194.7	172.5	154.5	141.6	128.1	118.2	111	90.9	54.6	40.5	26.79	18.3	15	12.87	6.87
UXL220-2		400	357.2	303.2	259.6	230	206	188.8	170.8	157.6	148	121.2	72.8	54	35.72	24.4	20	17.16	9.16
UXL330-2		600	535.8	454.8	389.4	345	309	283.2	256.2	236.4	222	181.8	109.2	81	53.58	36.6	30	25.74	13.74
UXL550-2		1000	893	758	649	575	515	472	427	394	370	303	182	135	89	61.0	50.0	42.9	22.9
UXL1100-2		2000	1786	1516	1298	1150	1030	944	854	788	740	606	364	270	178.6	122	100	85.8	45.8
UXL1550-2		3000	2679	2274	1947	1725	1545	1416	1281	1182	1110	909	546	405	267.9	183	150	128.7	68.7
UXL2200-2		4000	3572	3032	2596	2300	2060	1888	1708	1576	1480	1212	728	540	357.2	244	200	171.6	91.6
UXL3300-2		6000	5358	4548	3894	3450	3090	2832	2562	2364	2220	1818	1092	810	535.8	366	300	257.4	137.4

*Battery shall supply over 95% of this figure within 5 cycles of charge/discharge, or in one year of float operation. More detailed data shall be available upon your request.