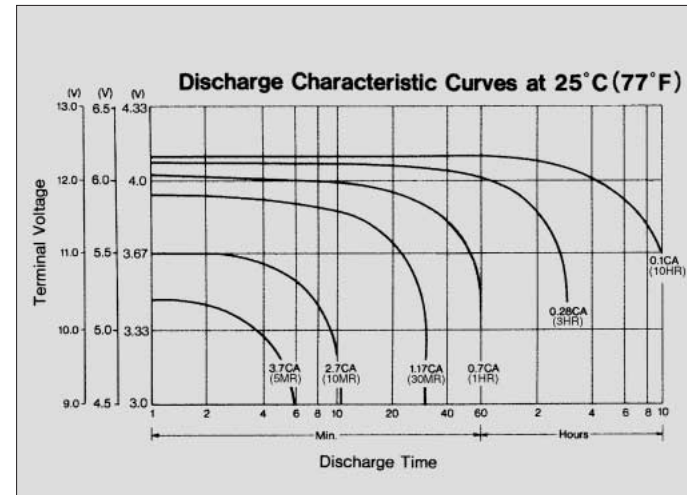


General Characteristics

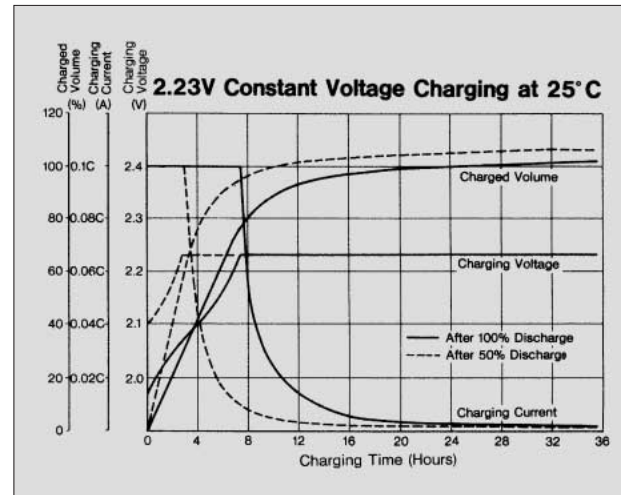
DISCHARGING

FOR UXL33-12~UXL110-6 BATTERIES



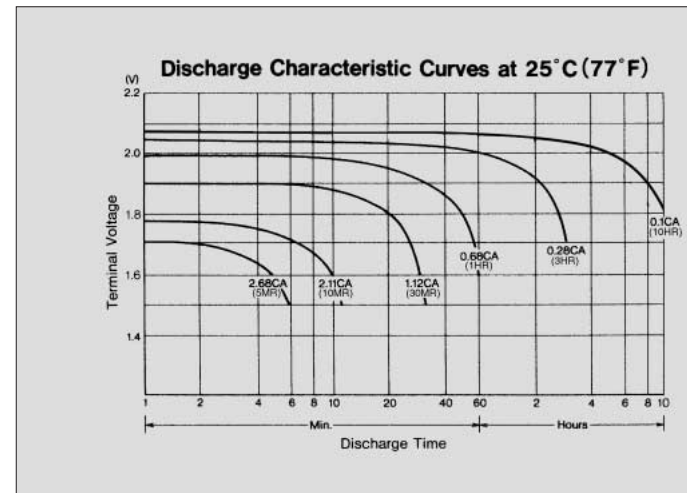
CHARGING

FOR ALL MODELS

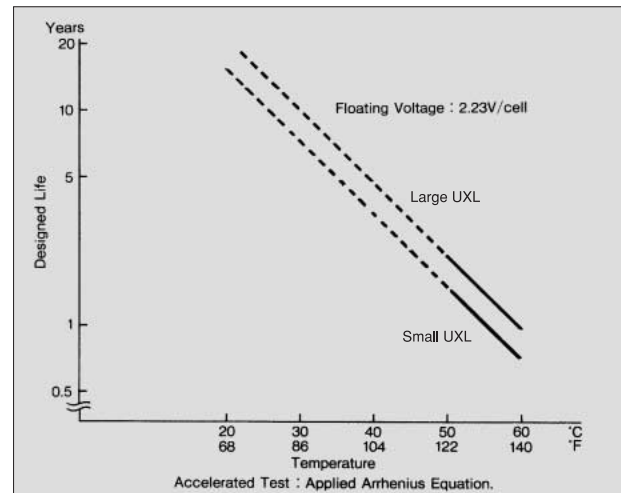


DISCHARGING

FOR UXL165-2~UX3300-2 BATTERIES



ACCELERATED LIFE CHARACTERISTICS



“ Yuasa ” Brand Maintenance-Free
Valve Regulated Lead-Acid
Stationary Batteries

UXL SERIES



Peripheral Device

A life diagnosis device for valve regulated lead-acid batteries, “JUST FEEL” .
The battery monitor, JUST FEEL, diagnoses life of valve regulated lead-acid batteries.
Battery life can be diagnosed without disconnecting a power supply as a result of
measuring battery internal impedance during floating charge.

- Diagnoses battery life during floating charge.
- A compact, portable device.
- Can be used for a large variety of valve regulated lead-acid batteries.
- Mounted with comparator function.
- May be used for UPS batteries.(Some models may prohibit the use of this device.
If you intend to use the device for UPS, please contact us for consultation.)



●Specifications subject to change without prior notice

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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 conform to UN2800 special Provision A67 in IATA Dangerous Goods Regulation and NOT to subject to IATA Dangerous Goods Regulations.

Applications

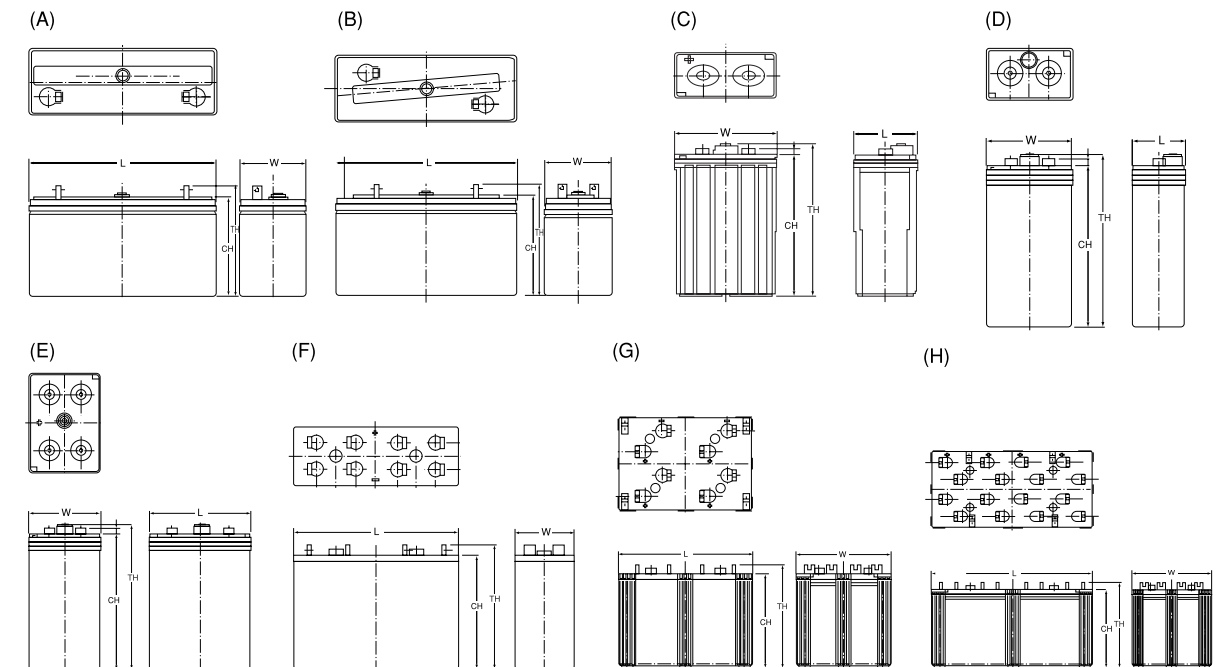
- Telecommunications
- UPS
- Alarm systems
- Fire & security systems
- Emergency lighting
- Engine starting
- Solar powered systems
- Utilities

General Specifications

Battery Model	FR Model*1	Nominal Voltage(V)	Capacity(Ah)		Dimensions(mm)			Approx Weight(kgs)	Figure	
			10HR (NOMINAL)	1HR FV=1.6V/cell	Overall Height	Height	Width			Length
UXL33-12		12	30	19.5	217	190	128	235	14.5	C
UXL44-12		12	40	26	217	190	128	299	18	C
UXL55-12		12	50	32.5	217	190	128	363	23	A
UXL66-6		6	60	39	217	190	128	217	14	C
UXL88-6		6	80	52	217	190	128	281	17.5	C
UXL110-6		6	100	65	217	190	128	345	22.5	B
UXL165-2	UXL165-2FR	2	150	97.5	354	330	170	106	12.5	C
UXL220-2	UXL220-2FR	2	200	130	354	330	170	106	15	D
UXL330-2	UXL330-2FR	2	300	195	354	330	170	150	21.5	D
UXL550-2	UXL550-2FR	2	500	325	354	330	171	241	35.5	E
UXL1100-2	UXL1100-2FR	2	1000	650	362	330	171	471	70	F
UXL1550-2	UXL1550-2FR	2	1500	975	372	340	337	476	108	G
UXL2200-2	UXL2200-2FR	2	2000	1300	372	340	337	476	140	G
UXL3300-2	UXL3300-2FR	2	3000	1950	372	340	340	696	212	H

*1 FR:UL 94VO, 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	50.0	42.9	37.5	33.0	30.0	27.3	24.6	20.0	11.5	8.1	5.4	3.6	3.0	2.6	1.4
UXL44-12	125	108	81.6	66.7	57.1	50.0	44.0	40.0	36.4	32.8	26.7	15.4	10.8	7.1	4.8	4.0	3.4	1.8
UXL55-12	156	135	102	83.3	71.4	62.5	54.9	50.0	45.5	41.0	33.3	19.2	13.5	8.9	6.0	5.0	4.3	2.3
UXL66-6	188	162	122	100	85.7	75.0	65.9	60.0	54.5	49.2	40.0	23.1	16.2	10.7	7.2	6.0	5.2	2.8
UXL88-6	250	216	163	133	114	100	87.9	80.0	72.7	65.6	53.3	30.8	21.6	14.3	9.6	8.0	6.9	3.7
UXL110-6 UXL110-4	313	270	204	167	143	125	110	100	90.9	82.0	66.7	38.5	27.0	17.9	12.0	10.0	8.6	4.6
UXL165-2	300	268	227	195	172	155	142	128	118	111	90.9	54.5	40.5	26.8	18.2	15.0	12.6	6.9
UXL220-2	400	357	303	260	230	206	189	171	157	148	121	72.7	54.1	35.7	24.2	20.0	16.8	9.2
UXL330-2	600	536	455	390	345	309	283	256	236	222	182	109	81.1	53.6	36.3	30.0	25.2	13.8
UXL550-2	1000	893	758	649	575	515	472	427	394	370	303	182	135	89.3	60.5	50.0	42.0	22.9
UXL1100-2	2000	1786	1515	1299	1149	1031	943	855	787	741	606	364	270	179	121	100	84.0	45.8
UXL1550-2	3000	2679	2273	1948	1724	1546	1415	1282	1181	1111	909	545	405	268	182	150	126	68.8
UXL2200-2	4000	3571	3030	2597	2299	2062	1887	1709	1575	1481	1212	727	541	357	242	200	168	91.7
UXL3300-2	6000	5357	4545	3896	3448	3093	2830	2564	2862	2222	1818	1091	811	536	363	300	252	138

*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.