



**MAINTENANCE-FREE
VALVE REGULATED LEAD-ACID
STATIONARY BATTERIES**

UXL SERIES



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

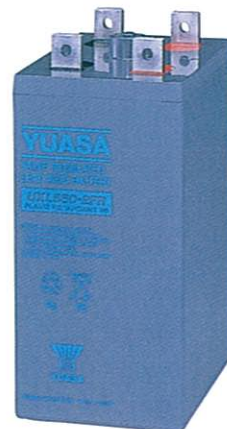
Engine starting

Solar powered systems

Utilities



Standard UXL type
(UL 94HB)



FR (Flame retardant) type
(UL 94VO)

Recognized by UL
(UL 924, UL file No.MH12970)

TERMINALS

STANDARD TERMINALS



OPTIONAL TERMINALS



GENERAL SPECIFICATIONS

Battery Model	FR Model *1	Nominal Voltage[V]	10HR Rated Capacity[Ah] *2	Approx. Dimensions, mm(inch)						Approx. Weight kgs(lbs.)			
				Length		Width		Height			Overall Height		
UXL33-12	—	12	30	235	(9.25)	128	(5.04)	190	(7.48)	217	(8.54)	16.0	(35)
UXL44-12		12	40	299	(11.77)	128	(5.04)	190	(7.48)	217	(8.54)	20.0	(44)
UXL55-12		12	50	363	(14.29)	128	(5.04)	190	(7.48)	217	(8.54)	24.0	(53)
UXL66-6	—	6	60	217	(8.54)	128	(5.04)	190	(7.48)	217	(8.54)	15.5	(34)
UXL88-6		6	80	281.2	(11.07)	128	(5.04)	190	(7.48)	217	(8.54)	19.5	(43)
UXL110-6		6	100	345.4	(13.60)	128	(5.04)	190	(7.48)	217	(8.54)	23.5	(52)
UXL110-4		4	100	345.4	(13.60)	128	(5.04)	190	(7.48)	217	(8.54)	16.5	(36)
UXL165-2	UXL165-2FR	2	150	170	(6.69)	106	(4.17)	330	(12.99)	362	(14.25)	11.0	(24)
UXL220-2	UXL220-2FR	2	200	170	(6.69)	106	(4.17)	330	(12.99)	362	(14.25)	14.0	(31)
UXL330-2	UXL330-2FR	2	300	170	(6.69)	150	(5.91)	330	(12.99)	362	(14.25)	20.2	(45)
UXL550-2	UXL550-2FR	2	500	241	(9.49)	171	(6.73)	330	(12.99)	362	(14.25)	33.4	(74)
UXL1100-2	UXL1100-2FR	2	1000	471	(18.54)	171	(6.73)	330	(12.99)	362	(14.25)	66.5	(147)
UXL1550-2	UXL1550-2FR	2	1500	476	(18.74)	337	(13.27)	340	(13.39)	372	(14.65)	104.0	(230)
UXL2200-2	UXL2200-2FR	2	2000	476	(18.74)	337	(13.27)	340	(13.39)	372	(14.65)	134.0	(296)
UXL3300-2	UXL3300-2FR	2	3000	696	(27.40)	340	(13.39)	340	(13.39)	372	(14.65)	200.0	(442)

* 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.1.65 Volts Per Cell

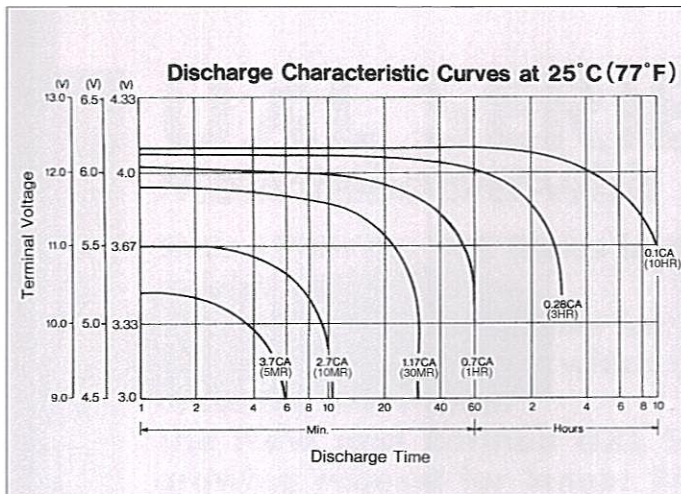
Battery Model	Time																	
	1 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h	12 h	24 h
UXL33-12	125	105	75.9	57.7	47.2	40.3	35.1	31.6	28.4	26.1	21.0	12.0	8.6	5.6	3.8	3.1	2.7	1.4
UXL44-12	167	140	101	76.9	63.0	53.7	46.8	42.1	37.9	34.8	28.0	16.0	11.4	7.4	5.0	4.2	3.5	1.8
UXL55-12	208	175	127	96.2	78.7	67.1	58.5	52.6	47.4	43.5	35.0	20.0	14.3	9.3	6.3	5.2	4.4	2.3
UXL66-6	250	211	152	115	94.5	80.5	70.2	63.2	56.9	52.2	42.0	24.0	17.1	11.1	7.5	6.3	5.3	2.8
UXL88-6	333	281	203	154	126	107	93.6	84.2	75.8	69.6	56.0	32.0	22.9	14.8	10.0	8.3	7.1	3.7
UXL110-6	417	351	253	192	157	134	117	105	94.8	87.0	70.0	40.0	28.6	18.5	12.5	10.4	8.8	4.6
UXL165-2	469	366	294	242	207	181	161	146	133	123	101	60.5	44.1	28.8	19.5	15.6	13.3	6.9
UXL220-2	625	488	392	323	276	241	215	194	177	164	135	81.0	58.8	38.5	26.0	20.8	17.7	9.2
UXL330-2	938	732	588	484	414	361	323	291	265	246	203	121	88.2	57.7	39.0	31.3	26.5	13.8
UXL550-2	1563	1220	980	806	690	602	538	485	442	410	338	202	147	96.2	64.9	52.1	44.2	22.9
UXL1100-2	3125	2439	1961	1613	1379	1205	1075	971	885	820	676	403	294	192	130	104	88.5	45.9
UXL1550-2	4688	3659	2941	2419	2069	1807	1613	1456	1327	1230	1014	605	441	288	195	156	133	68.8
UXL2200-2	6250	4878	3921	3226	2759	2410	2151	1942	1770	1640	1351	806	588	385	260	208	177	91.7
UXL3300-2	9375	7317	5882	4839	4138	3614	3226	2913	2655	2459	2027	1210	882	577	390	313	266	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.

GENERAL CHARACTERISTICS

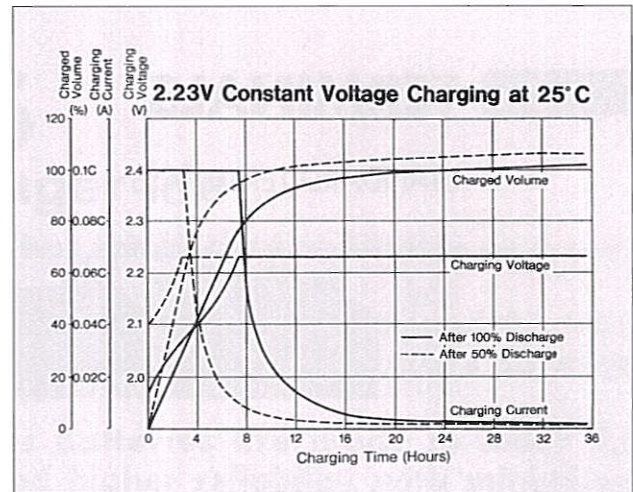
DISCHARGING

FOR UXL33-12~UXL110-4 BATTERIES



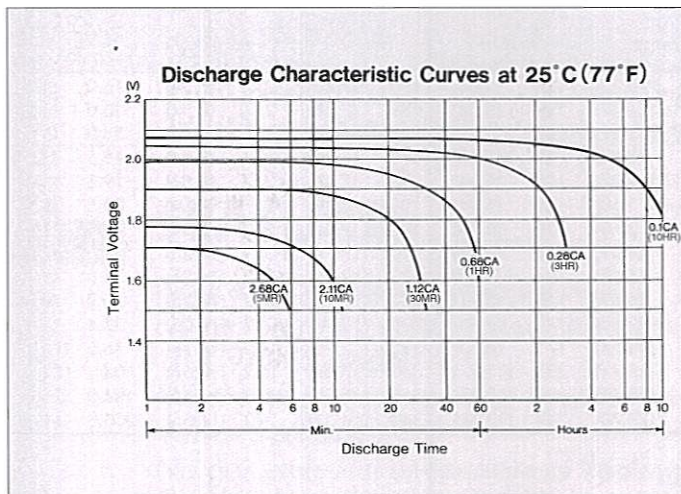
CHARGING

FOR ALL MODELS

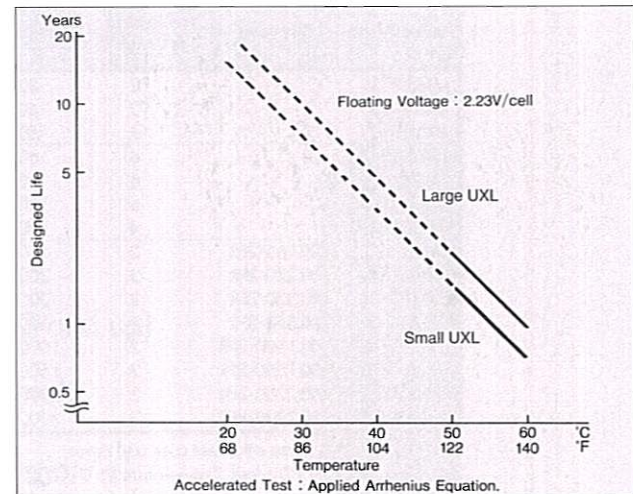


DISCHARGING

FOR UXL165-2~UX3300-2 BATTERIES



ACCELERATED LIFE CHARACTERISTICS



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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