



**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, oxygen index 30%)

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

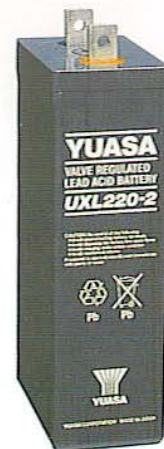
Fire & security systems

Emergency lighting

Engine starting

Solar powered systems

Utilities



Standard UXL type
(UL 94HB)

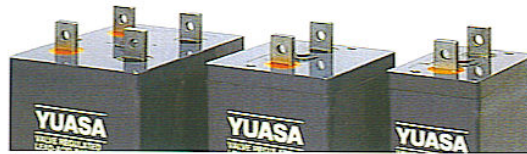


FR (Flame retardant) type
(UL 94VO)

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.(Oxygen index:30%)

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

CONSTANT CURRENT DISCHARGE PERFORMANCE (Amps.)

Amperes to F. V. 1.83 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	78.4	67.3	52.7	44.0	38.4	33.9	31.1	27.7	25.3	23.1	18.9	11.2	7.9	5.2	3.5	2.9	2.5	1.3
UXL44-12	105	89.8	70.3	58.6	51.2	45.2	41.5	36.9	33.7	30.7	25.2	14.9	10.6	6.9	4.7	3.9	3.3	1.8
UXL55-12	131	112	87.9	73.3	64.0	56.5	51.9	46.1	42.2	38.5	31.5	18.6	13.2	8.7	5.8	4.9	4.2	2.2
UXL66-6	157	135	105	88.0	76.8	67.8	62.2	55.3	50.6	46.1	37.8	22.3	15.8	10.4	7.0	5.8	5.0	2.7
UXL88-6	209	180	141	117	102	90.4	83.0	73.8	67.35	61.5	50.4	29.8	21.1	13.8	9.3	7.8	6.6	3.5
UXL110-6	261	224	176	147	128	113	104	92.2	84.4	76.9	63.0	37.2	26.4	17.3	11.6	9.7	8.3	4.4
UXL165-2	248	227	198	175	156	142	129	118	108	102	85.0	51.8	38.7	25.5	17.5	14.5	12.5	6.7
UXL220-2	331	303	264	233	208	189	172	157	144	136	113	69.0	51.6	34.0	23.4	19.4	16.6	8.9
UXL330-2	497	454	396	349	313	284	258	236	216	203	170	104	77.4	51.0	35.0	29.0	25.0	13.3
UXL550-2	828	757	661	582	521	473	429	393	359	339	283	173	129	84.9	58.4	48.4	41.6	22.2
UXL1100-2	1656	1515	1321	1164	1043	945	859	785	719	678	576	345	258	170	117	96.8	83.2	44.4
UXL1550-2	2484	2272	1982	1746	1564	1418	1288	1178	1078	1017	850	518	387	255	175	145	125	66.6
UXL2200-2	3312	3029	2643	2328	2085	1891	1717	1571	1437	1356	1134	691	516	340	234	194	166	88.8
UXL3300-2	4968	4544	3964	3492	3128	2836	2576	2356	2156	2034	1700	1036	774	510	350	290	250	133

Watts Per Cell to F. V. 1.83 Volts Per Cell

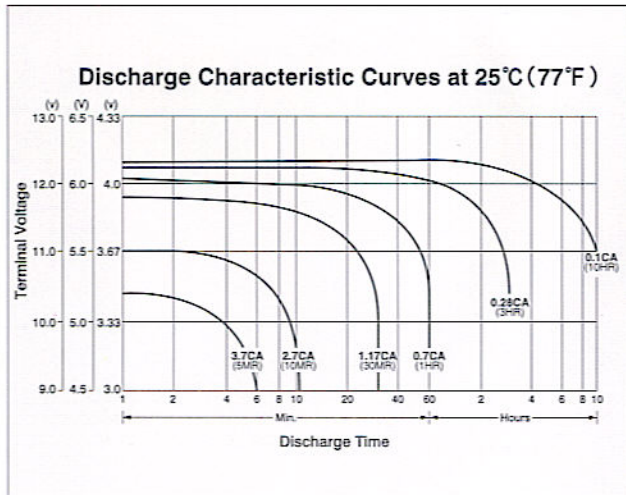
Battery Model	Time																	
	1 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h	12 h	24 h
UXL33-12	149	127	101	83.2	72.8	64.6	57.7	52.8	48.3	44.6	36.8	21.7	15.6	10.1	6.9	5.7	4.9	2.6
UXL44-12	199	169	135	111	97.1	86.1	76.9	70.4	64.4	59.5	49.0	28.9	20.8	13.5	9.2	7.7	6.5	3.5
UXL55-12	248	212	168	139	121	108	96.1	88.0	80.5	74.4	61.3	36.2	26.0	16.8	11.5	9.6	8.2	4.4
UXL66-6	298	254	202	166	146	129	115	106	96.6	89.3	73.6	43.4	31.2	20.2	13.8	11.5	9.8	5.2
UXL88-6	397	338	269	222	194	172	154	141	129	119	98.1	57.9	41.5	26.9	18.4	15.3	13.1	7.0
UXL110-6	497	423	337	277	243	215	192	176	161	149	123	72.3	51.9	33.7	23.0	19.2	16.4	8.7
UXL165-2	454	418	366	324	291	265	243	223	206	194	162.8	101	75.4	49.8	34.5	28.7	24.7	13.2
UXL220-2	605	557	488	432	388	354	323	298	274	258	217	134	100	66.4	46.0	38.3	32.9	17.6
UXL330-2	907	836	733	648	582	531	485	446	411	388	326	201	151	100	69.0	57.4	49.4	26.4
UXL550-2	1512	1394	1221	1081	970	885	809	744	685	646	543	335	251	166	115	95.7	82.3	43.9
UXL1100-2	3024	2788	2442	2161	1940	1769	1617	1488	1371	1292	1085	670	502	332	230	191	165	87.9
UXL1550-2	4536	4182	3664	3242	2910	2654	2426	2232	2056	1938	1628	1005	754	498	345	287	247	132
UXL2200-2	6048	5576	4885	4323	3880	3539	3235	2976	2741	2584	2171	1340	1005	664	460	383	329	176
UXL3300-2	9072	8364	7328	6484	5820	5308	4852	4464	4112	3876	3256	2010	1507	996	690	574	494	264

* 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

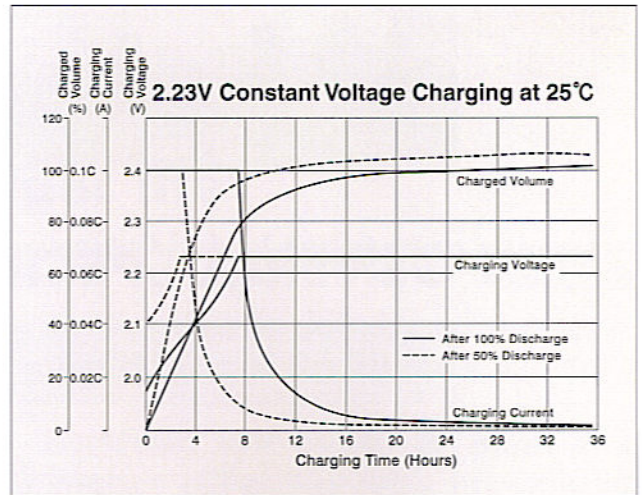
DISCHARGING

FOR UXL33-12~UXL110-4 BATTERIES



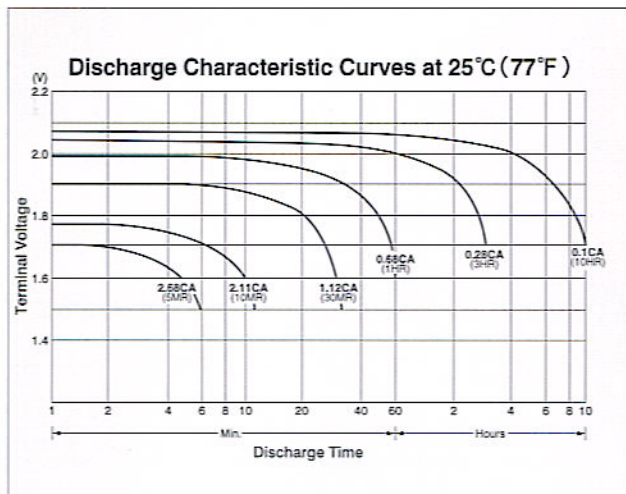
CHARGING

FOR ALL MODELS

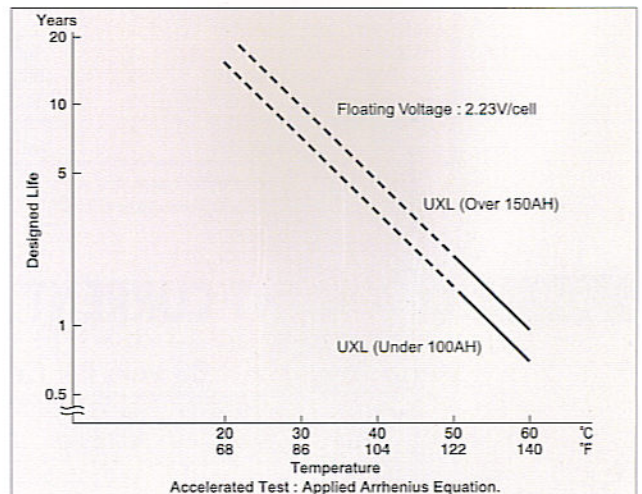


DISCHARGING

FOR UXL165-2~UX3300-2 BATTERIES

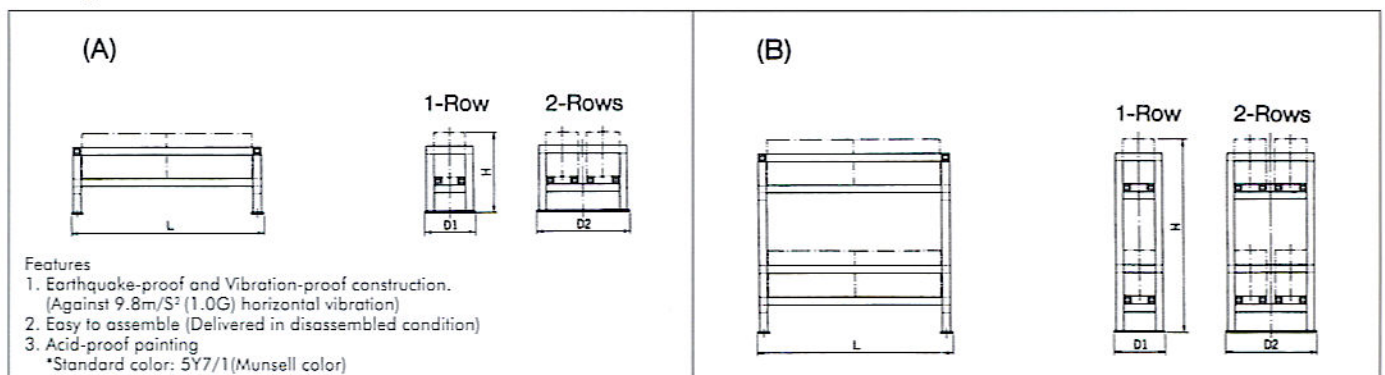


ACCELERATED LIFE CHARACTERISTICS



BATTERY STEEL RACK

Drawings



● Specifications subject to change without prior notice