

LC-X1265PG

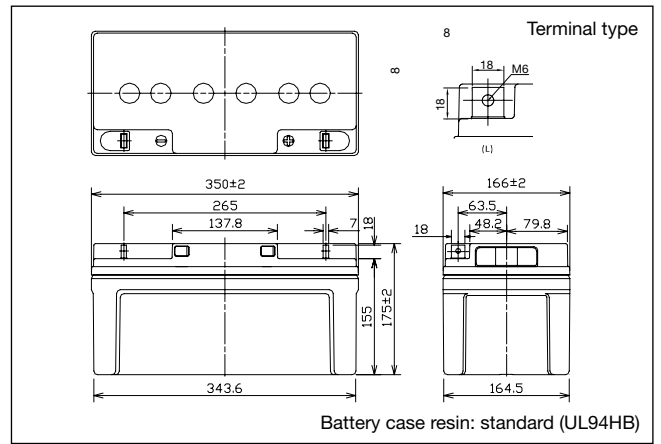
For standby power supplies. Expected trickle design life: 10 – 12 years at 20 °C according to Eurobat.

VdS

G199090



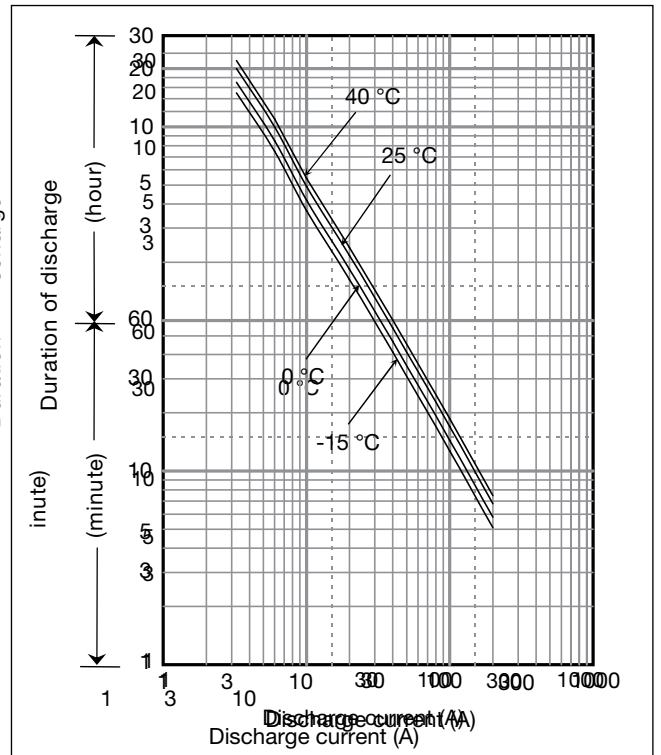
Dimensions (mm)



Specifications

Nominal voltage	12 V	
Nominal capacity (20 hour rate)	65 Ah	
Dimensions	Length	350 mm
	Width	166 mm
	Height	175 mm
	Total Height	175 mm
Approx. mass	20 kg	
Terminal	M6 Bolt and Nut type	

Duration of discharge vs Discharge current



Characteristics

Capacity (25 °C)	20 hour rate	65 Ah
	10 hour rate	59 Ah
	5 hour rate	53 Ah
	1 hour rate	40 Ah
Internal resistance	Fully charged battery (25 °C)	7 mΩ
Temperature dependency of capacity (20 hour rate)	40 °C	102 %
	25 °C	100 %
	0 °C	85 %
	-15 °C	65 %
Self discharge (25 °C)	After 3 months	91 %
	After 6 months	82 %
	After 12 months	64 %

Watt Table

Cut-off V	(Wattage/Battery)																								
	3min	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	10h	20h	24h	24h	24h	24h	24h	24h	24h	24h	
9.6V	2235	1884	1438	1127	956	742	533	501	321	290	201	158	131	115	70.8	39.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
9.9V	2180	1820	1423	1116	951	734	520	494	313	283	198	157	127	115	70.8	39.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
10.2V	2100	1735	1365	1093	935	725	515	484	307	279	196	156	126	114	70.8	39.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
10.5V	1787	1554	1284	1017	868	709	507	474	300	272	193	154	125	113	69.7	38.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
10.8V	1509	1374	1145	949	865	685	499	465	292	259	189	152	122	111	69.0	38.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0

Ampere Table

Cut-off V	(Ampere/Battery)																								
	3min	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	10h	20h	24h	24h	24h	24h	24h	24h	24h	24h	24h
9.6V	209.9	169.96	129.87	102.4	82.5	63.4	45.4	42.3	27.9	25.5	18.9	15.2	13.2	10.9	9.6	5.90	3.25	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
9.9V	199.0	161.81	124.56	97.0	82.0	62.6	44.9	41.9	26.5	24.0	18.6	14.7	12.6	10.6	9.6	5.90	3.25	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
10.2V	181.0	146.16	111.39	85.0	70.6	52.9	38.2	35.2	23.8	21.3	16.4	12.5	10.5	9.5	5.84	3.24	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69
10.5V	161.0	136.36	102.23	78.4	66.5	50.6	36.5	33.5	22.9	20.4	15.2	11.3	9.4	8.4	5.81	3.23	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68
10.8V	136.0	123.0	102.0	82.5	74.5	58.5	42.5	39.4	24.7	21.9	15.8	12.8	10.2	9.3	5.75	3.21	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66

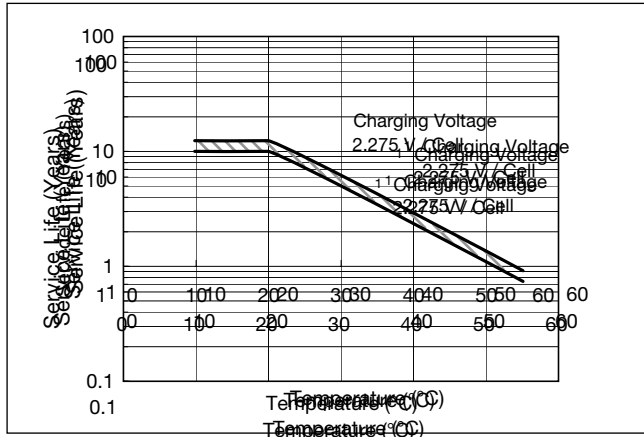
Charging Method

Trickle use	Control voltage: 13.6 - 13.8 V; Initial current: 9.75 A or smaller
-------------	--

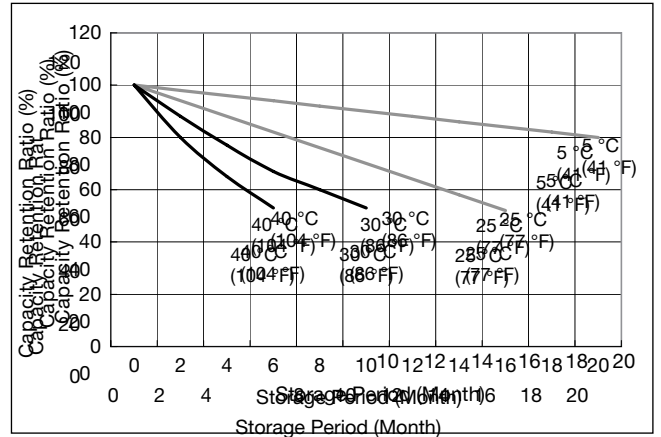
Cut off voltage

Discharge current	3.25 A - 13 A	13 A - 32.5 A	32.5 A - 65 A	65 A - 130 A	130 A - 195 A
Cut off voltage (V)	10.5	10.2	9.9	9.3	8.7

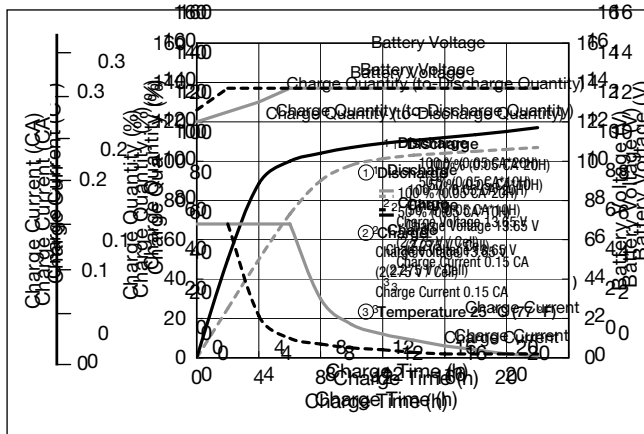
Influence of Temperature on Trickle life



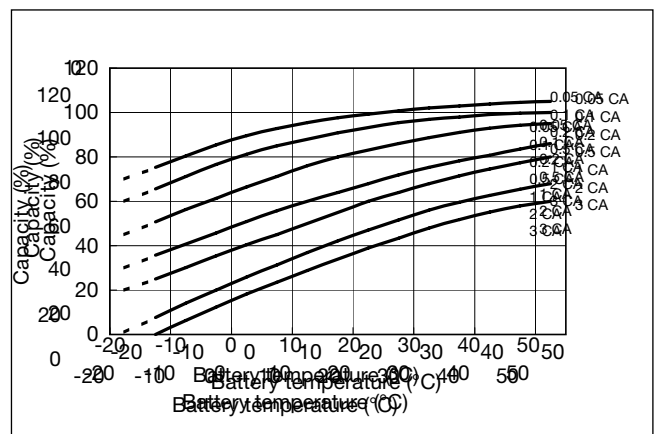
Residual capacity vs storage period



Constant-voltage and constant-current charge characteristics for Trickle use



Discharge capacity by temperature and by discharge current



Discharge characteristics

