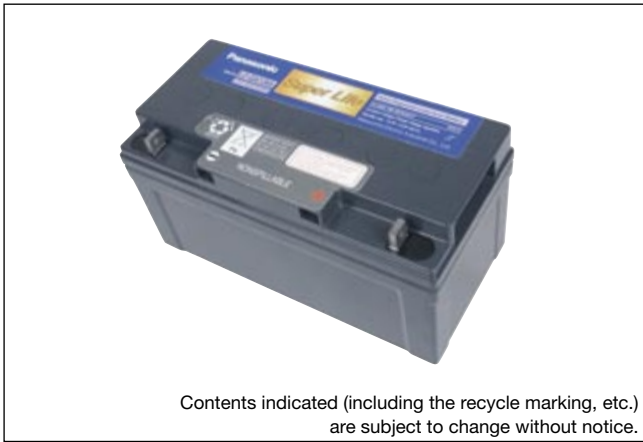
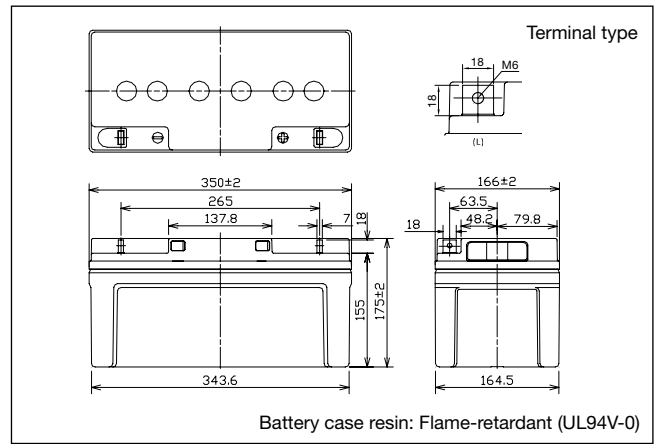


**LC-QA1265**

For standby power supplies.  
Expected trickle design life: 17 years at 20 °C according to Eurobat.



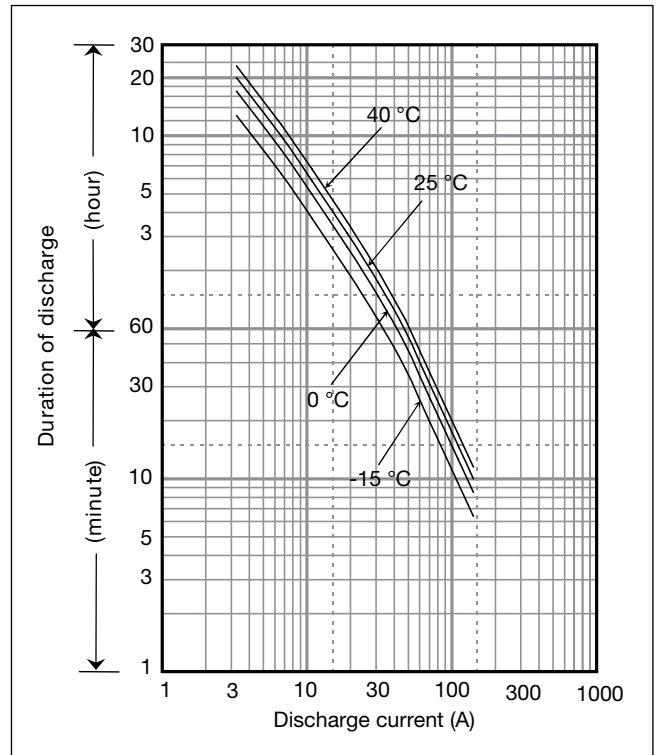
**Dimensions (mm)**



**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	24 kg	
Terminal	M6 Bolt and Nut type	

**Duration of discharge vs Discharge current**



**Characteristics**

Capacity (25 °C)	20 hour rate 10 hour rate 5 hour rate 1 hour rate	65 Ah 61 Ah 55 Ah 42 Ah
Internal resistance	Fully charged battery (25 °C)	6 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**

(Wattage/Battery)

Cut-off V	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	10h	20h	24h
9.6V	1516	1176	1026	797	665	554	393	315	206	168	130	118	69.9	37.1	30.6
9.9V	1493	1166	1020	791	649	525	373	305	201	164	128	116	68.5	36.9	30.6
10.2V	1432	1144	995	782	644	524	371	294	193	156	121	111	67.7	36.6	30.2
10.5V	1391	1123	975	769	630	514	364	289	190	154	118	108	67.6	35.4	29.8
10.8V	1307	1061	959	752	615	504	357	283	188	153	118	108	67.6	36.0	29.6

**Ampere Table**

(Ampere/Battery)

Cut-off V	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	10h	20h	24h
9.6V	141	110	92.7	71.3	51.1	47.8	30.6	27.6	19.0	14.9	12.3	10.8	6.64	3.66	3.04
9.9V	140	109	92.3	70.5	49.8	47.1	29.8	27.5	18.7	14.7	11.9	10.8	6.64	3.66	3.04
10.2V	139	110	91.1	69.5	49.5	46.7	29.6	27.3	18.5	14.7	11.9	10.7	6.64	3.66	3.04
10.5V	132	103	86.6	68.6	48.4	45.0	29.3	27.2	18.5	14.6	11.9	10.7	6.64	3.66	3.04
10.8V	125	100	84.4	67.5	41.6	40.5	25.9	25.3	17.4	14.3	11.8	10.5	6.64	3.60	3.04

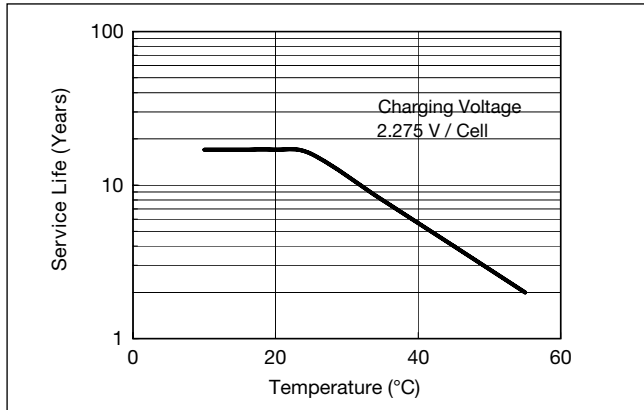
**Charging Method**

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

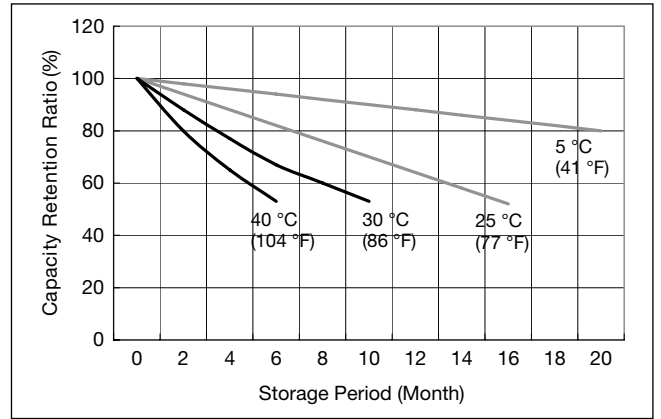
**Cut off voltage**

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

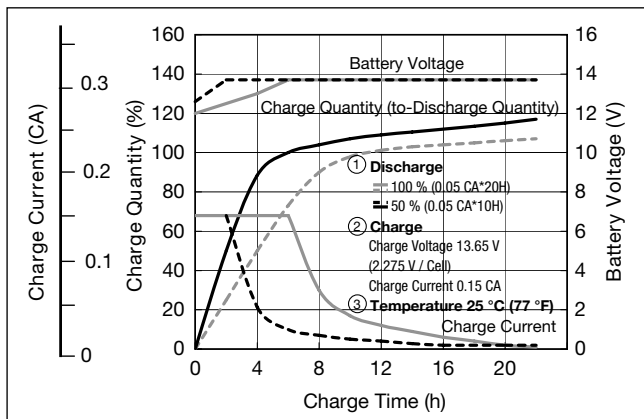
**Influence of Temperature on Trickle life**



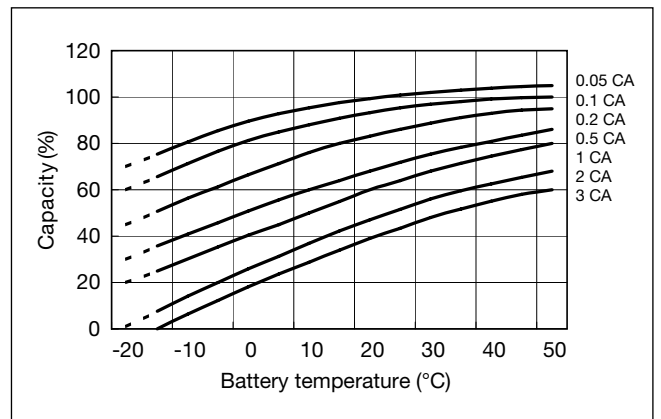
**Residual capacity vs storage period**



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



**Discharge capacity by temperature and by discharge current**



**Discharge characteristics**

