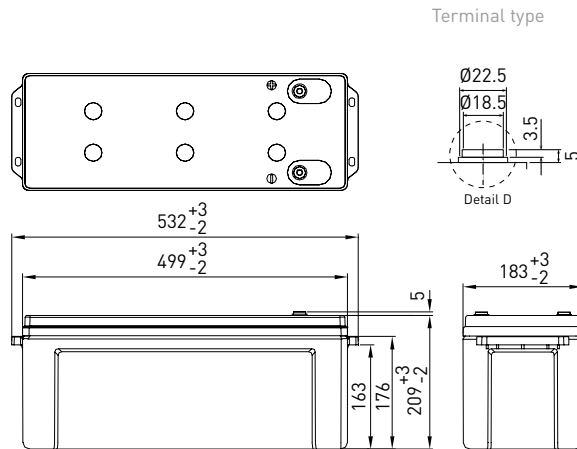


LC-P12150BP*1

FOR STANDBY POWER SUPPLIES.
 EXPECTED TRICKLE DESIGN LIFE: 10 – 12 YEARS AT 20°C
 ACCORDING TO EUROBAT.

DIMENSIONS (MM)

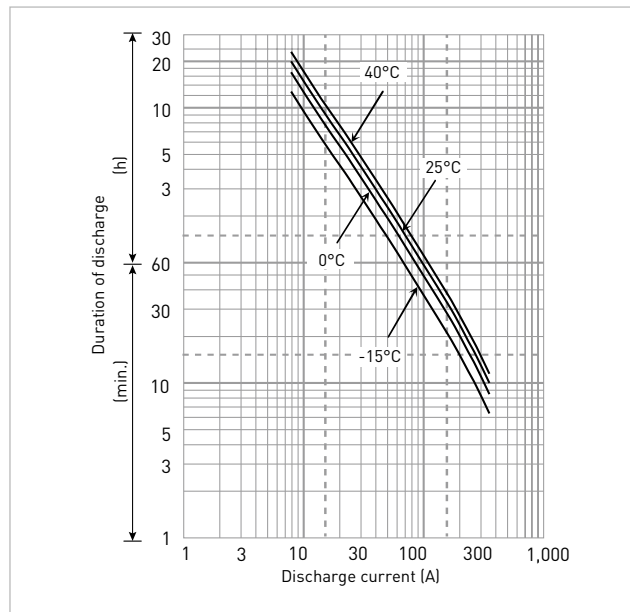


Terminal type

Contents indicated (including the recycle marking, etc.) are subject to change without notice. Battery case resin: flame-retardant (UL94 V-0)

Specifications		LC-P12150BP*1
Nominal voltage (V)		12
Nominal capacity	20 hours rate (Ah)	150
	Dimensions	
	Length (mm)	183
	Width (mm)	532
	Total height (mm)	214
Approx. mass (kg)		43.0
Terminal type		M8x20 insert
Capacity (25°C)	20 hours rate (Ah)	150
	10 hours rate (Ah)	137
	3 hours rate (Ah)	119
	1 hour rate (Ah)	88
Impedance (mΩ)	Fully charged battery (25°C)	3.5
	Temperature dependency of capacity (%) – 20 hours rate	
	40°C	102
	25°C	100
	0°C	85
	-15°C	65
Remaining capacity (25°C)	After 3 months (%)	91
	After 6 months (%)	82
	After 12 months (%)	64

DURATION OF DISCHARGE VS. DISCHARGE CURRENT



WATT TABLE (25°C)

(Wattage/battery)

Cut-off	5min.	10min.	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
9.6V	5,040	3,780	3,000	2,390	1,774	1,310	1,046	791	608	444	348	284	242	164	91.2
9.9V	4,925	3,689	2,923	2,334	1,727	1,276	1,013	763	596	437	342	281	240	163	91.2
10.2V	4,340	3,405	2,833	2,261	1,672	1,238	976	724	592	433	339	278	237	163	91.1
10.5V	4,020	3,216	2,751	2,197	1,641	1,208	947	695	585	428	334	274	235	161	90.3
10.8V	3,850	2,839	2,661	2,149	1,601	1,163	910	659	576	420	328	268	232	160	90.3

AMPERE TABLE (25°C)

(Ampere/battery)

Cut-off	5min.	10min.	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
9.6V	490	350	266	217	164	120	97.2	70.0	59.0	42.1	32.9	27.3	23.0	14.0	7.58
9.9V	479	342	259	212	159	117	94.1	67.5	58.0	41.3	32.3	26.7	22.6	13.9	7.58
10.2V	422	315	251	206	154	114	90.7	64.1	56.9	40.4	31.5	26.0	22.2	13.8	7.50
10.5V	381	298	244	200	151	111	88.0	61.5	55.8	39.8	31.0	25.7	22.0	13.7	7.50
10.8V	334	263	236	195	148	107	84.6	58.3	54.4	38.8	30.3	25.2	21.6	13.5	7.49

All mentioned values are average values

*1 This battery is equipped with insert terminals.

LC-P12150BP*1

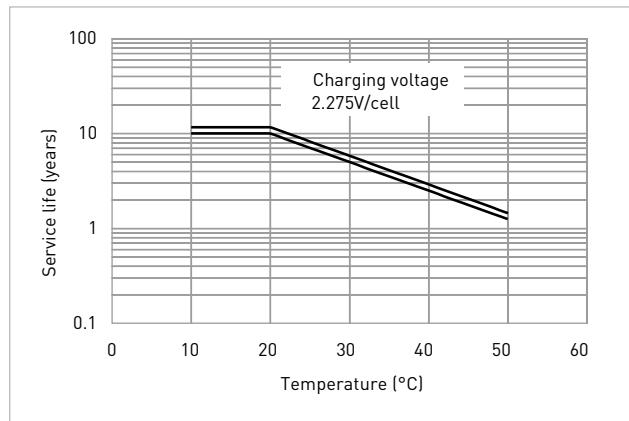
CHARGING METHOD (25°C)

Cycle use	Control voltage: 13.6V - 13.8V Initial current: 22.5A or smaller
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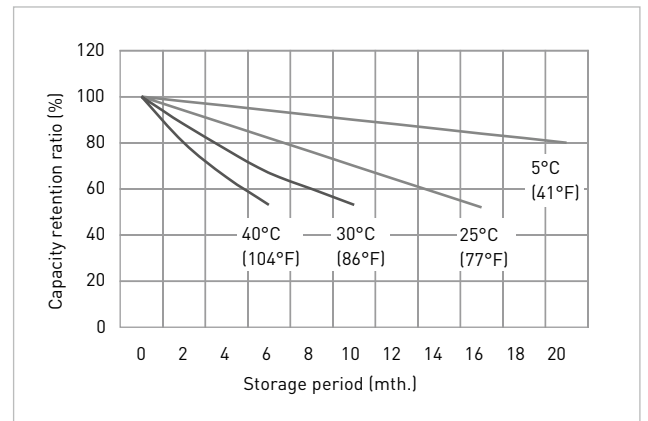
CUT-OFF VOLTAGE

Discharge current	7.50A - 30.0A	30.0A - 75.0A	75.0A - 150A	150A - 300A	300A - 450A
Cut-off voltage	10.5V	10.2V	9.9V	9.3V	8.7V

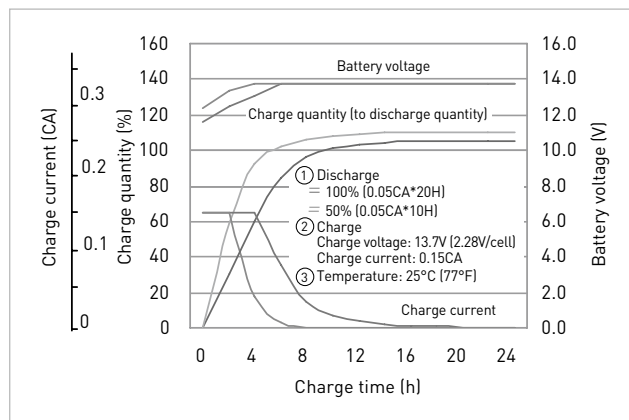
INFLUENCE OF TEMPERATURE ON TRICKLE LIFE



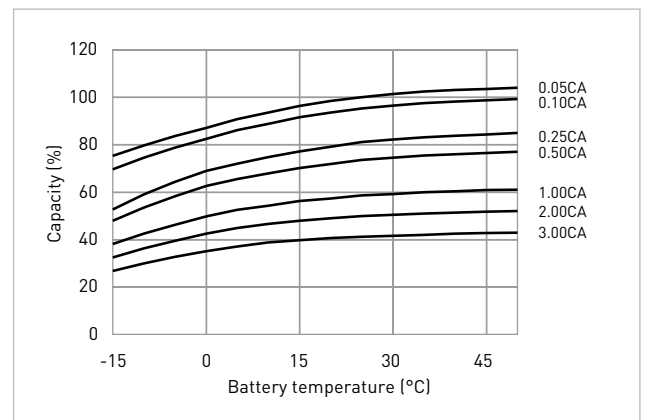
RESIDUAL CAPACITY TEST RESULT



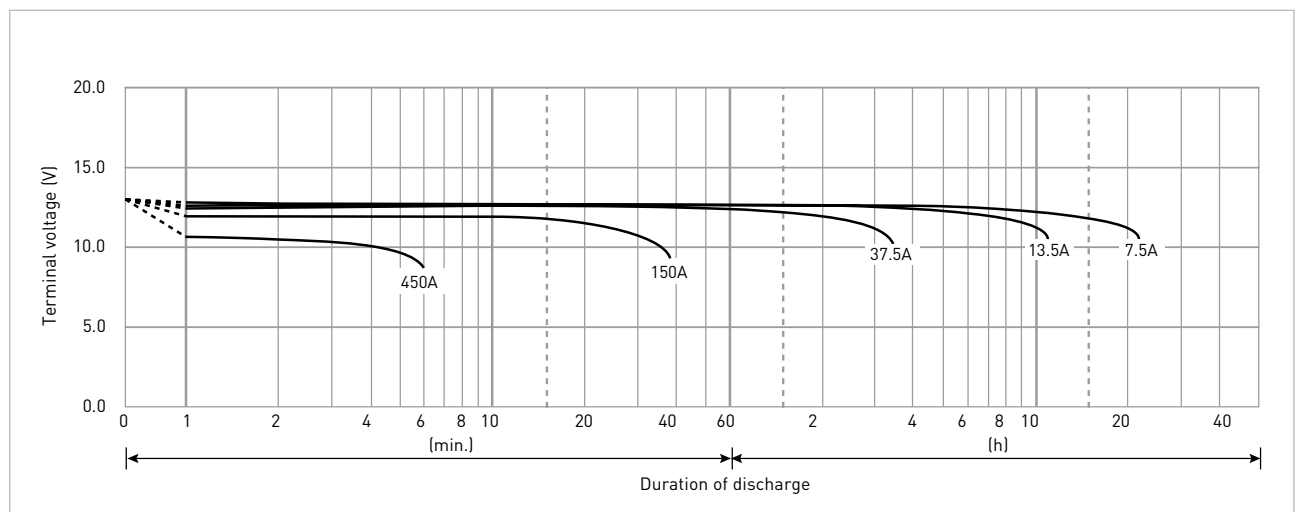
CONSTANT-VOLTAGE CONSTANT-CURRENT CHARGE CHARACTERISTICS FOR TRICKLE USE



DISCHARGE CAPACITY BY TEMPERATURE AND BY DISCHARGE CURRENT



DISCHARGE CHARACTERISTICS



*1 This battery is equipped with insert terminals.

The data in this document are for descriptive purposes only and are not intended to make or imply any guarantee or warranty. Regarding handling and safety please consult our VRLA technical handbook chapter 'Precautions for handling VRLA batteries'.