



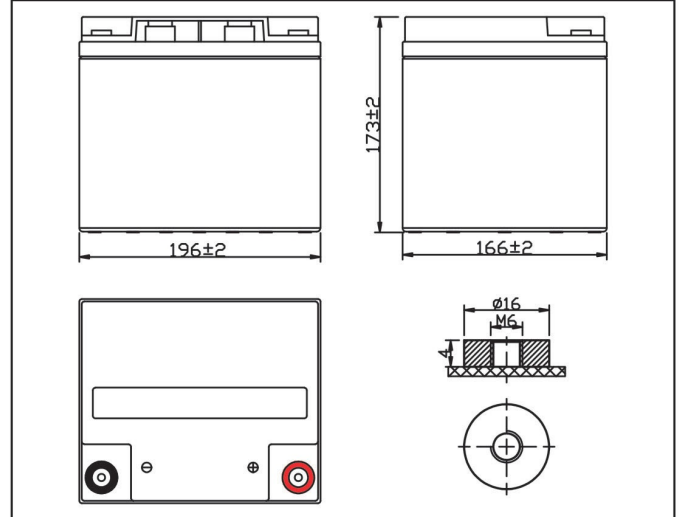
INDUSTRIAL BATTERY - VRLA-AGM BATTERY - HIGH RATE SERIES

MODEL: SJ 40-12 (40 Ah)



Plane Chart:

Unit:(mm) Terminal type:(T1)



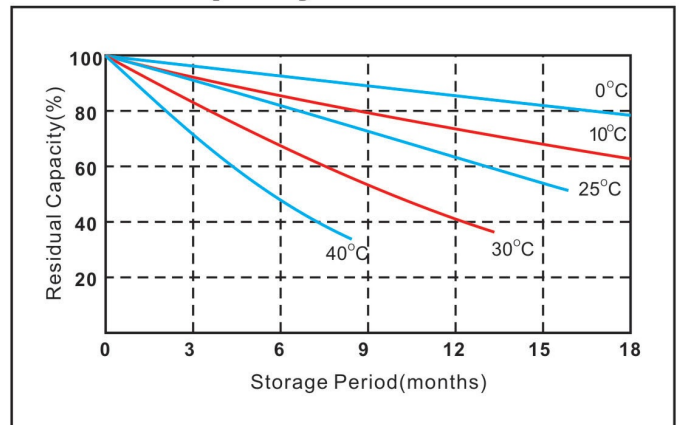
ISO 9001
ISO 14001
OHSAS18001



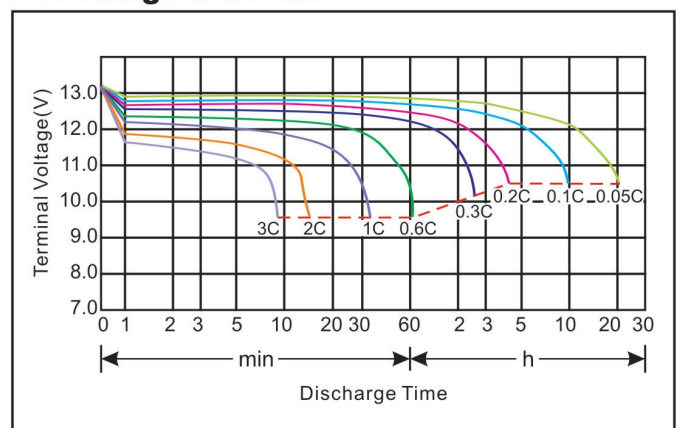
Parameter Chart:

Volts		12 V
Capacity(25°C)	20 hours rate (2.0A)	40Ah
Discharge Current Testing (25°C)	20 I ₂₀ rate (40A,27min)	35min
	60 I ₂₀ rate (120A,7min)	8min
Internal Resistance	Full Charged Battery 25°C	8mΩ
Capacity Affected By Temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%
	Capacity After 6 Months Storage	82%
	Capacity After 12 Months Storage	65%
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 12A Voltage 14.5~14.9V
	Float (25°C)	Charge Voltage 13.6~13.8V
Weight (Approx)		12.6Kg

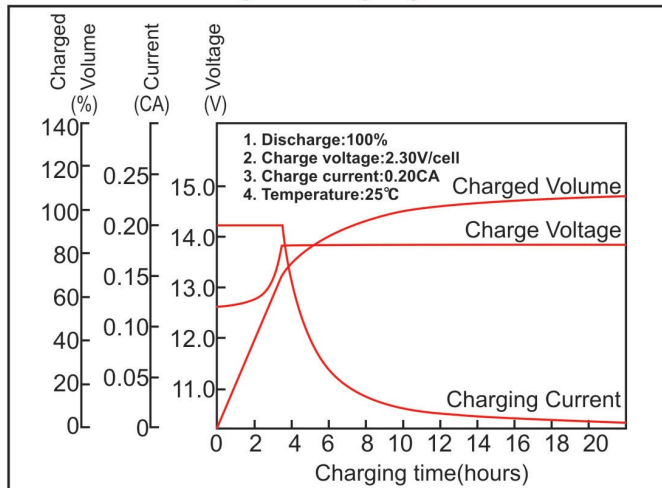
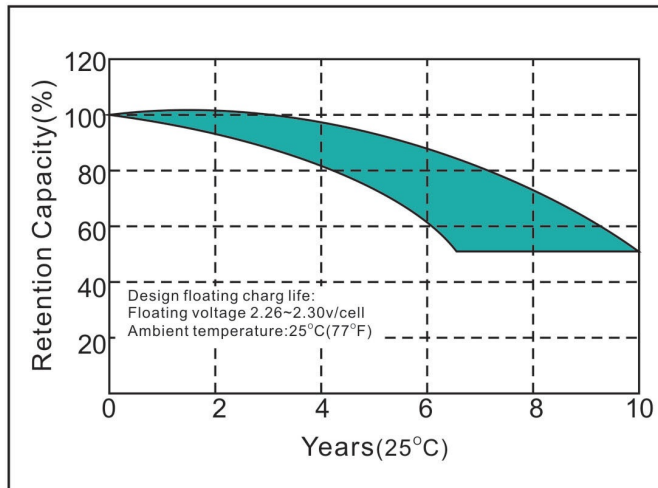
Residual Capacity



Discharge Current 25°C



★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

MODEL: SJ 40-12 (40 Ah)
Constant voltage charging characteristics

Float Life

Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	120.2	80.0	62.8	40.0	23.9	13.9	9.9	7.0	4.6	4.0	2.1
10.2V	114.2	76.0	60.3	38.0	23.0	13.7	9.7	6.9	4.6	3.9	2.1
10.5V	110.7	73.6	58.8	37.0	22.4	13.6	9.6	6.8	4.6	3.8	2.0
10.8V	107.2	71.4	57.3	36.1	21.8	13.4	9.5	6.7	4.5	3.8	2.0

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/Time	10min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	1259.5	863.7	689.4	443.9	273.5	160.5	116.2	82.3	55.0	46.2	24.3
10.2V	1196.4	820.6	662.3	426.9	262.5	158.2	114.2	81.0	54.5	45.7	24.1
10.5V	1160.3	796.1	645.8	415.8	256.0	157.0	113.2	80.2	54.2	45.5	24.0
10.8V	1124.2	771.5	629.3	404.8	249.5	155.2	112.2	79.4	53.7	45.3	23.9

Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.


Distributor: LISA CONTROL TECHNOLOGY LIMITED COMPANY
Address: No.10, LK10, Khu dat dich vu Ha Tri, Ha Cau ward, Ha Dong district, Hanoi capital.

Tel.: +84 24 7309 9997

Email: contact@lisatech.vn

Fax: +84 24 7309 9997

Website: www.lisatech.vn