KBL12260 12V 260W

Kaise Battery series are Top terminal VRLA AGM battery for General use. With advanced manufacturing technique and industry scale, KBL series delivers high energy density and high reliability performance, highly suited for UPS systems, security and alarm systems, telecommunication, utilities, emergency light systems, CATV and other backup applications.

12 V voltage | **260Wpc** capacity | **AGM** tech | **12 years** design life



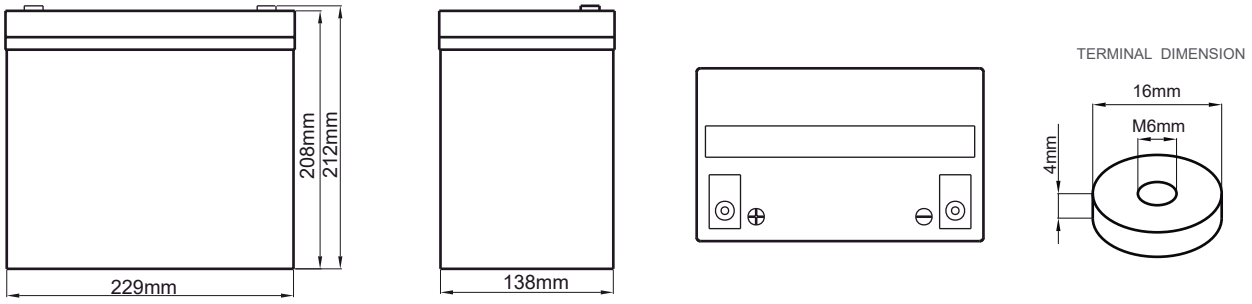
Technical Specifications

Nominal Voltage (V)	12 (6 cells per unit)
Designed Floating Life (25°C)	12 Years
Pwer (25°C)	260W/cell, 10min to 1.67Vpc 210W/cell, 15min to 1.67Vpc
Dimension (mm)	L229 x W138 x H208 x TH212
Approx. Weight	17.9kg (39.5 lbs)
Terminal Type	Female Copper Insert M6 (torque 6~8N.m)
Internal Resistance	Approx. 0.005 Ohm (fully charged @ 20°C)
Max. Charge Current	13.7A
Max. Discharge Current (5S)	830A
Short Circuit Current	2400A
Self Discharge	Approx. 3% per month @ 25°C
Ambient Temperature	Discharge: -20~55° Charge: -20~50°C Storage: -20~45°C
Float Charge Voltage	13.6V/block @25°C (-3mV/cell/ C)
Equalize and cycle Use Charge Voltage	14.4V/block @25°C
Container Material	ABS (UL94-V0)

Complied standards

- IEC 60896-21/22
- GB/T19638
- JIS C8704
- BS6290 part 4

Battery Dimensions



Constant Current Discharge Characteristics: Amps (25°C)

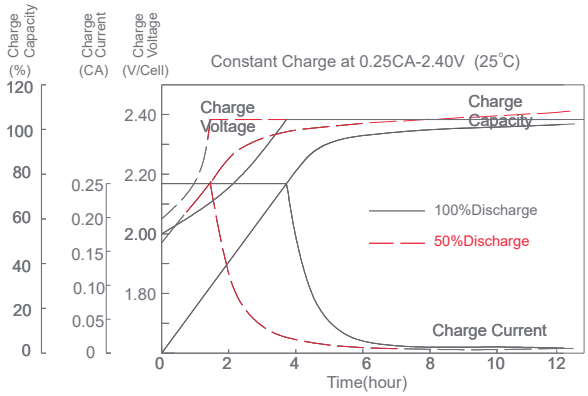
F.V/Time	10min	15min	20min	30min	45min	1h
1.60 V	149	120	108	77.6	56.7	43.7
1.65 V	141	115	102	74.5	54.4	42.0
1.70 V	133	108	96.6	70.5	51.8	40.3
1.75 V	125	100	90.9	66.4	49.2	38.5
1.80 V	116	93.6	84.8	61.8	46.3	36.8

Constant Power Discharge Characteristics: W/Cell (25°C)

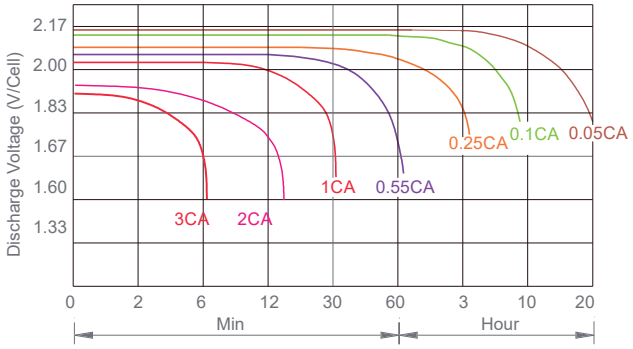
F.V/Time	10min	15min	20min	30min	45min	1h
1.60 V	275	224	185	140	101.9	80.2
1.65 V	266	215	178	134	97.6	77.9
1.67 V	260	210	175	130	95.5	76.7
1.70 V	257	207	171	127	92.9	75.3
1.75 V	247	199	164	121	88.3	72.7
1.80 V	235	189	155	114	83.4	69.8

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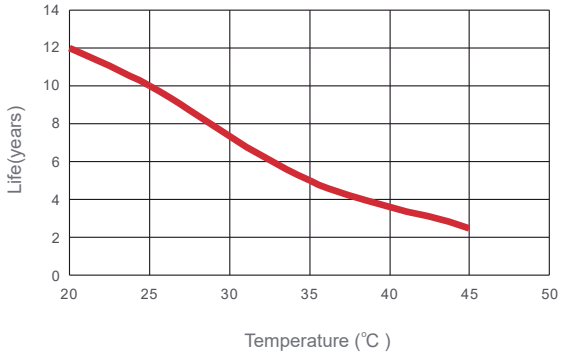
Charge Characteristic



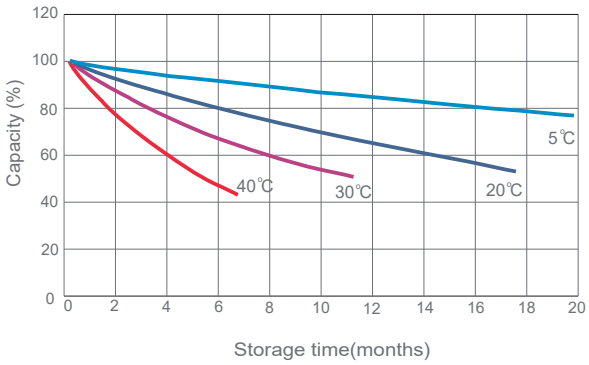
Discharge Characteristic (25°C)



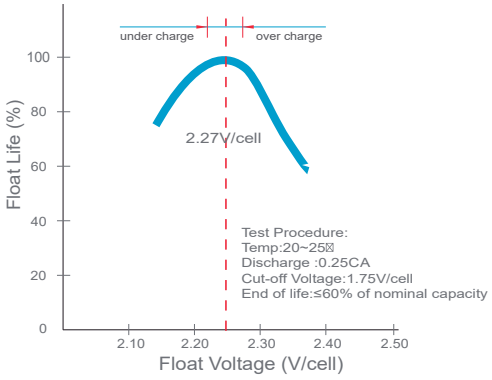
Temperature vs Float Life



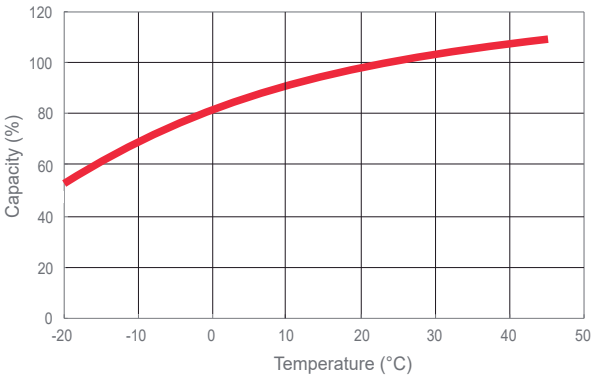
Self discharge characteristics



Float voltage vs Float life



Capacity vs Temperature



Final voltage settings recommended according to the discharge current

Discharge Current I (A)	I ≤ 0.08C	0.08C ≤ I < 0.2C	0.2C ≤ I < 0.6C	0.6C ≤ I < 1.0C	I ≥ 1.0C
Final of Voltage	≥ 1.85Vpc	≥ 1.80Vpc	≥ 1.75Vpc	≥ 1.70Vpc	≥ 1.60Vpc