

# KGM Series NiCd Gas Recombination Battery



Changhong maintenance free KGM Series Ni-Cd rechargeable batteries use negative oxygen recombination technology and gas recombination vent plugs.

State-of-the-art automated manufacturing ensures consistency and reliability.

Designed for a medium discharge rate of 0.5 I<sub>t</sub>A ~ 3.5 I<sub>t</sub>A

Ah Rated at C5 (20 ±5 °C)  
Nominal 1.2 V

## FEATURES

### Long Life

Ultra-low water consumption due to high gas recombination efficiency and vent plug technology  
Pocket plates and internal frames made of steel do not react with the electrolyte  
Service life can exceed 25 years with virtually no internal corrosion  
2,000 cycles with at most a single replacement of electrolyte

### Operation at Extreme Temperatures

-40°C to +60°C

### Top Quality Materials

Plates - horizontal pockets of double perforated steel strips  
Separator is polypropylene fiber  
Nickel plated steel terminals  
Translucent plastic container

### Easy Handling

Maintenance free  
Top access terminals  
Flip top vent caps

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## SPECIFICATIONS

Model	C5 Rated Capacity Ah	Nominal Voltage	Dimensions H x W xL mm	Weight kg	Terminals Threading	Container Material
KGM 30	30	1.2	285 x 134 x 70	3.6	M16	PP
KGM 40	40	1.2	285 x 134 x 70	3.8	M16	PP
KGM 50	50	1.2	285 x 134 x 70	4.1	M16	PP
KGM 60	60	1.2	370 x 141 x 80	5.8	M16	PP
KGM 70	70	1.2	370 x 141 x 80	6.0	M16	PP
KGM 80	80	1.2	370 x 141 x 80	6.5	M16	PP
KGM 90	90	1.2	348 x 165 x 107	8.7	M20	PP
KGM 100	100	1.2	348 x 165 x 107	8.3	M20	PP
KGM 150	150	1.2	348 x 167 x 107	12.4	M20	PP
KGM 200	200	1.2	348 x 167 x 164	14.2	M20	PP
KGM 250	250	1.2	385 x 170 x 152	15.7	M20	PP
KGM 300	300	1.2	450 x 200 x 162	22.5	2 x M16	PP
KGM 350	350	1.2	450 x 200 x 162	23.0	2 x M16	PP
KGM 400	400	1.2	490 x 278 x 138	35.7	2 x M16	PP
KGM 450	450	1.2	510 x 291 x 176	36.2	2 x M20	MBS
KGM 500	500	1.2	510 x 291 x 176	37.0	2 x M20	MBS
KGM 550	550	1.2	510 x 291 x 176	37.5	2 x M20	MBS
KGM 600	600	1.2	510 x 291 x 176	38.0	2 x M20	MBS

### Compliance

IEC 62259