

# newmax®

## The Ultimate Premium Industrial Battery of Korea



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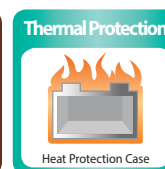
## About KOREA BATTERY CO.,LTD

- Manufacturer of Premium Deep-Cycle Batteries from Korea
- Over 30 years of innovation in GEL & AGM batteries
- Specializing in Solar, Telecom, UPS, Mobility & 2V industrial backup systems

## Why NEWMAX Batteries?

- ✓ 1,500–3,000+ cycle life
- ✓ Excellent heat resistance
- ✓ Leak-proof & vibration-resistant
- ✓ Built for harsh conditions
- ✓ Competitive pricing – Made in Korea

## Core Technologies of NEWMAX Batteries



## SG Series

### Premium Solar GEL Deep Cycle Battery

**Long Life** 1,500–3,000+ cycles (depending on DOD), ideal for solar and renewable systems.

**Heat Resistance** Performs reliably in 40–50°C conditions, great for tropical/desert climates.

**Deep Discharge Recovery** Strong recovery after deep discharge for high resilience.

**ThixoPure™ GEL Technology** Prevents acid stratification and leakage.

**Maintenance-Free** Fully sealed, no water refill needed.

**Cost-Effective** High-quality Korean product with competitive pricing.



#### ► Perfect For

Solar PV & Off-Grid Energy Systems  
Street Lighting / Solar Lamp Systems  
Remote Area Power Supply (RAPS)  
Energy Storage Systems (ESS)

### Popular Models (12V Series)

Model	Capacity (Ah)	Dimensions (mm)	Weight (kg)
SG1000H	100Ah	371 × 174 × 219	30.6kg
SG1200H	120Ah	371 × 174 × 219	32.7kg
SG1500H	150Ah	524 × 241 × 221	43.3kg
SG2000H	200Ah	524 × 241 × 221	57.4kg
SG2200H	220Ah	524 × 241 × 221	60.0kg

## PNB Series

### AGM Battery for UPS & Backup

**10-Year Standby** Long life at 25°C for UPS and critical power.

**High Discharge Tolerance** Up to 3C discharge rate.

**Sealed & Safe** Leak-proof AGM, vibration-resistant.

**For Critical Infrastructure** Used in data centers, telecom, industrial backup.

**Compact for Racks** Designed for rack/cabinet installation.

### Popular Models (12V Series)

Model	Capacity (Ah)	Dimensions (mm)	Weight (kg)
PNB 12400	40Ah	197 × 166 × 170	13.1kg
PNB 12700	70Ah	350 × 166 × 175	23.0kg
PNB 121000	100Ah	371 × 174 × 219	30.2kg
PNB 122000	200Ah	524 × 241 × 221	56.7kg
PNB 122200	220Ah	524 × 241 × 221	60.0kg

#### ► Perfect For

Uninterruptible Power Supply (UPS)  
Telecom Base Stations & Repeaters  
Emergency & Exit Lighting Systems  
Industrial Backup Applications





# PNC Series

## AGM Battery for Mobility

- Lightweight & Compact** Perfect for scooters, wheelchairs, and home medical devices.
- Shock-Resistant** Reliable under mobility conditions.
- Quick Recharge** Good for frequent daily cycles.
- Low Self-Discharge** Suitable for standby applications.
- Indoor-Safe** Silent, clean power.

### Popular Models (12V Series)

Model	Capacity (Ah)	Dimensions (mm)	Weight (kg)
PNC12400	40Ah	197 × 165 × 170	14.3
PNC12500	50Ah	197 × 165 × 170	14.8
PNC12550	55Ah	229 × 138 × 213	18.0
PNC12700	70Ah	325 × 166 × 175	23.0
PNC12100	100Ah	332 × 174 × 239	32.0
PNC12120	120Ah	500 × 180 × 224	39.5
PNC12150	150Ah	500 × 260 × 225	46.0



► **Perfect For**  
Electric Wheelchairs & Mobility Scooters  
Home Medical Equipment  
Portable Backup Power Systems  
Rehabilitation and Mobility Aids



► **Perfect For**  
Golf Carts (36V / 48V systems)  
Electric Utility Vehicles (EVs)  
Maintenance & Facility Vehicles  
Leisure Transport / Resort Fleets

# BM Series

## Golf Cart & EV Battery

- Deep Cycle Strength** Long-range discharge performance.
- Rugged & Durable** Withstands vibration and rough roads.
- Proven Worldwide** Trusted by golf resorts and utility EVs.
- Strong Power Delivery** Handles slopes and extended driving.

### Popular Models

Model	Capacity (Ah)	Dimensions (mm)	Liquid (L)	Weight (kg)
BM 6210	210Ah	260 × 183 × 279	6.0L	26.5
BM 6225	225Ah	260 × 183 × 279	5.7L	28.8
BM 6240	240Ah	260 × 183 × 279	5.4L	30.7
BM 8170	170Ah	260 × 183 × 279	5.4L	28.8
BM 8190	190Ah	260 × 183 × 279	5.2L	31.6
BM 12150	150Ah	331 × 183 × 279	7.8L	38.0

# PNGB & UPN Series

## 2V AGM Industrial Batteries

- 2V Design** Modular for voltage and capacity expansion.
- Heavy-Duty Build** Thick plates for durability.
- Rack/Cabinet Ready** Space-efficient installation.
- UPN (Premium)** ~500 cycles, for heavy or continuous use.
- PNGB (Standard)** Cost-effective for lighter applications.



### PNGB & UPN Series – Popular Models (Specification Overview)

Model	Nominal Voltage	Capacity (Ah)	Dimensions (mm) L×W×H	Weight (kg)	Technology
PNGB24000	2V	400Ah	195 × 170 × 364	23.5kg	AGM sealed
PNGB210000	2V	1000Ah	471 × 171 × 364	59.4kg	AGM sealed
PNGB220000	2V	2000Ah	472 × 335 × 329	115.0kg	AGM sealed
UPN 400	2V	400Ah	195 × 170 × 364	25.5kg	AGM enhanced
UPN 1000	2V	1000Ah	471 × 171 × 364	65.2kg	AGM enhanced
UPN 2000	2V	2000Ah	472 × 335 × 329	126.0kg	AGM enhanced

► **Perfect For**  
UPS Systems (Data Centers / Industrial Backup)  
Telecom & Base Station Backup  
Emergency & Standby Lighting Systems  
Renewable Energy Storage (Small to Mid Scale)  
Any system requiring long cycle life & high safety in 2V format



► **Perfect For**  
Marine Use – Boats, Yachts, Fishing Vessels  
Recreational Vehicles (RVs & Motorhomes)  
Off-grid Power Systems  
Backup Power for Mobile Equipment

# MRV Series

## Dual Marine & RV Battery

- Dual Use** Start engine and support deep cycling.
- Hybrid VRLA** Combines cranking and reserve power.
- Built for Travel** Spill-proof, shock-resistant.
- High-Level Cycle life** 400–600 cycles.
- Marine-Grade** With dedicated marine terminals.

### MRV Series – Model Comparison

BCI Group	Model	Voltage	Capacity			Dimensions			
			Ampere Hour@C5	CCA (Ampere)	RC (Minutes)	mm			
						L	W	H	TH
24	MRV24	12	65	580	145	258	172	214	235
27	MRV27	12	75	640	180	308	172	212	232
31	MRV31	12	88	730	205	330	172	216	236