



MPGA
METHYLATED POLYGLYCOLIC ACID BATTERY
DUAL BATTERY SYSTEM
Pioneering Motion Across Time

“Any More Questions?”

Weight/Volume 40%

Lithium-Ion Battery: **4-7Kg/KWh**
MPGA Battery: **2.3Kg/KWh**
Weight Energy Density: **428Wh/Kg**

Cost Saving up to 50%

Production Cost of
Lithium-Ion Battery: **100%**
MPGA Battery: Save up to **50%**



Crusing Distance 200%+

Per Weight Energy Density
Lithium-Ion Battery: **560km**
MPGA Battery: **1,368km**

Charging Cycle 1,400%+

Per Each Battery Pack
Lithium-Ion Battery: avr. **2,500 cycles**
MPGA Battery: avr. **40,000+ cycles**

AISS (Automatic Interchangeable Self-Charging System)

MPGA batteries provide a compact and high-density energy solution, significantly minimizing space requirements compared to conventional electric vehicle batteries. The optional integration of **AISS** and **Dual MPGA Battery** setup enhances user experience by providing users with prolonged functionality and rare recharging needs. The AISS efficiently alternates between the batteries, extending lifespan and optimizing efficiency for various applications in both battery-powered and connected to a standard power supply and represents an efficient, sustainable energy choice with extended discharge time.

0% Explosion Rate / **100%** Eco-Friendly / **99%** High Charge/Discharge Efficiency / **-20° to 120°C** Temperature / **50%** Production Process
20+ Years Lifespan / **100%** Continuous Recharging / Miniaturization & Free Shape Deformation up to **10m** / Material Supply Source - **Infinite**