

# LITHIUM ENERGY STORAGE SOLUTIONS

**LIFEPO<sub>4</sub>WER IS A SOUTH AFRICAN IMPORTER AND DISTRIBUTOR OF LITHIUM SOLAR AND BACKUP BATTERIES**

Together with our parent company Scott's Shipping Services (Pty) Ltd providing the logistics we source directly from the manufacturer providing unparalleled value in the South African market.



## WHY LIFEPO<sub>4</sub>WER BATTERIES?

Our batteries all use the latest prismatic cell Lithium Iron Phosphate (LiFePO<sub>4</sub>) technology which offers maximum energy density and is well known for its high performance, ultra-reliability, and durability.

## LITHIUM VS. LEAD ACID BATTERIES

LiFePO<sub>4</sub> offers distinct advantages over traditional lead acid batteries as they require no maintenance, have over 10x the useable life, and can be discharged 30% deeper letting you use more of your battery's stored potential.

## LIFEPO<sub>4</sub> IS SAFER

LiFePO<sub>4</sub> is also inherently safer than other lithium polymer batteries as it carries no risk of thermal runaway that causes battery fires, you can sleep easy.

## LONGER LIFE

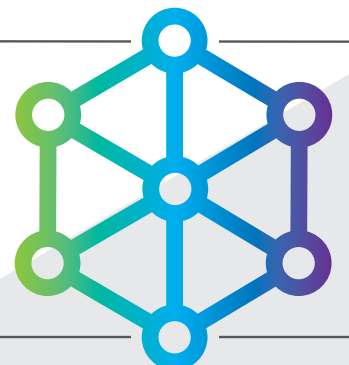
With a 10-year design life our batteries will keep you powered no matter what happens. Whether you are setting up a complete off grid system or simply want to avoid loadshedding our units will keep those lights on.

## CONTACT US FOR MORE INFO

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## PRODUCT RANGE

### BRONZE RANGE

12V | 100Ah | 1280Wh (B12-100L)  
12V | 200Ah | 2560Wh (B12-200L)  
24V | 100Ah | 2560Wh (B24-100L)  
24V | 200Ah | 5120Wh (B24-200L)



Designed as a lead acid drop-in replacement, our LiFePO<sub>4</sub>WER Bronze range are ideal for standalone or “trolley” inverters to give you all the advantages of lithium in a simple set up or any other application where an LA battery is no longer adequate.

### SILVER RANGE

24V | 100Ah | 2560Wh (S24-100R)  
24V | 200Ah | 5120Wh (S24-200R)  
48V | 100Ah | 5120Wh (S48-100R)  
48V | 200Ah | 10240Wh (S48-200R)



Designed for use in a fixed setup connected to the distribution board the LiFePO<sub>4</sub>WER Silver 24V is ideal for the smaller (3KVA-5KVA) back up setting while the LiFePO<sub>4</sub>WER Silver 48V is recommended for larger backup systems (5KVA+) or solar systems.

Our LiFePO<sub>4</sub>WER Silver range incorporates CAN/RS485 communication for precise monitoring of the battery by a compatible inverter and comes in a steel rack mounted enclosure for easy of install into cabinets or wall mounted with brackets (not included).

### GOLD RANGE

48V | 100Ah | 5120Wh (G48-100W)  
48V | 200Ah | 10240Wh (G48-200W)



Designed for the most demanding of uses in full off-grid or grid tied setups our top-of-the-line LiFePO<sub>4</sub>WER Gold 48V features all the advantages of the LiFePO<sub>4</sub>WER Silver range plus Bluetooth and Wifi connectivity, updateable BMS firmware and an LCD battery monitoring screen and can be used in both residential and commercial applications.

Our LiFePO<sub>4</sub>WER Gold 48V is constructed of only the best A Grade 1st Life Prismatic LiFePO<sub>4</sub> cells available to ensure extreme long life, reliability, and performance.

- ULTRA-SAFE HIGH PERFORMANCE LITHIUM IRON PHOSPHATE (LIFEPO<sub>4</sub>) TECHNOLOGY
- BUILT IN PROTECTION BATTERY MANAGEMENT SYSTEM (BMS)
- COMPATIBLE WITH MOST UPS & INVERTERS
- LIGHTWEIGHT & COMPACT
- WATER & DUST RESISTANT (IP65)

DOWNLOAD THE SPEC SHEET FOR FULL DETAILS FROM [WWW.LIFEPOWER.ZA.COM](http://WWW.LIFEPOWER.ZA.COM)

- ULTRA-SAFE HIGH PERFORMANCE LITHIUM IRON PHOSPHATE (LIFEPO<sub>4</sub>) TECHNOLOGY
- BUILT IN PROTECTION BATTERY MANAGEMENT SYSTEM (BMS)
- INTEGRATED INVERTER COMMUNICATION
- COMPATIBLE WITH MOST INVERTERS
- RACK MOUNT

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- ULTRA-SAFE HIGH PERFORMANCE LITHIUM IRON PHOSPHATE (LIFEPO<sub>4</sub>) TECHNOLOGY
- A GRADE 1ST LIFE PRISMATIC CELLS
- BUILT IN PROTECTION BATTERY MANAGEMENT SYSTEM (BMS)
- INTEGRATED INVERTER COMMUNICATION
- COMPATIBLE WITH MOST INVERTERS
- CONSTRUCTED IN STRONG STEEL WALL MOUNT ENCLOSURES FOR EASE OF INSTALLATION.

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