

## DRYPOWER LITHIUM GOLF BATTERIES & CHARGERS

The Drypower brand has expanded to now offer specialist battery models in the Drypower Rechargeable Lithium range to provide exceptional performance in motorised golf buggies and remote infrastructure applications.

What sets Drypower Rechargeable Lithium apart from traditional SLA batteries?

- Lightweight - weighs up to 60% LESS than SLA equivalent.
- Optimum efficiency - for faster charging and discharging.
- Up to 7 times more recharge cycles than traditional SLA, meaning lower total cost of ownership in the long term.
- Built in safety protection circuits to extend battery life by preventing overcharge & over discharge.

T-Bar style models feature a separated Lotus charge port that allows you to recharge the battery without disconnecting the terminals and the T-Bar to Anderson connection. These unique batteries are compatible with our FY1504500 charger which features a Lotus plug receptacle allowing for different charge & discharge terminals.

# Drypower

## Rechargeable Lithium LiFePO4



T-Bar style batteries feature LOTUS charge port and include protective bag. The FY1504500 4.5A charger features LOTUS charge plug for these batteries.



Model	Voltage	Capacity (5 Hr Rate)	Dimensions mm (L x W x H)	Weight	Termination	SLA Equivalent (20 Hr Rate)	Notes
IFM12-230E2	12.8V	23Ah	181 x 76 x 166	2.95kg	M5 Bolt	27-28Ah	Over 50% lighter than equiv. lead battery
IFR12-160TB-Y	12.8V	16Ah	168 x 128 x 75	2.2kg	T-Bar to Anderson	18-20Ah	Features LOTUS charge port. Includes T-Bar lead.
IFR12-220TB-Y	12.8V	22Ah	168 x 128 x 102	3.06kg	T-Bar to Anderson	25-27Ah	Features LOTUS charge port. Includes T-Bar lead.
IFR12-300-Y	12.8V	30Ah	175 x 175 x 112	3.9kg	M8 Bolt	35-38Ah	Includes removable Anderson connector leads.
IFR12-400-Y	12.8V	40Ah	195 x 165 x 175	5.8kg	M6 Bolt	45-48Ah	Includes removable Anderson connector leads.

## LITHIUM RECHARGEABLE 'DESIGN IN' BATTERY SOLUTIONS

Not only is Master Instruments the leading supplier of batteries, chargers and power products in the Oceania region, our nationwide facilities are also equipped to design and manufacture custom battery solutions for specialised industries.

With over 70 years experience in the power industry and access to the world's premium supplier of high capacity lithium ion cells - Panasonic (Sanyo) - and assembly parts, Master Instruments now offers a comprehensive range of 'off the shelf' Lithium Rechargeable Design In Solutions for engineers and design houses to utilise in their R&D and power qualifications.

All Design In Solutions battery packs feature PCM protection as a safety measure and constructed using Panasonic (Sanyo) lithium ion cylindrical or prismatic cells for superior performance and longevity that means long term value for the investment.

Currently, Design In Solutions battery packs are available in a vast range of voltages, capacities and current outputs ready for immediate shipping.

To see what's on offer, please visit the Master Instruments website: <http://www.master-instruments.com.au/pages/custom-battery-pack-solutions.html>

If you can't find something from our standard range that suits your specifications, contact our battery experts for a consultation to see what we can design for you.




## NEW EXTENDED BATTERY CASES FOR APPLE & SAMSUNG

A major expansion to the **MIBE** range of extended batteries boasts products with ultra high capacity batteries built into tough slimline protective cases, each with unique features and suitable for the latest Apple and Samsung smartphone models.

The extended battery cases are all designed to perfectly fit the phones they suit, while providing **DOUBLE** or even **TRIPLE** the phone's runtime!



CPB-iPhoneExtra6SOLAR(B) in use as a stand

**SOLAR**

**CPB-iPhoneExtra6SOLAR(B)**  
2.4Ah extended battery for Apple.  
**Suits iPhone 6, iPhone 6S.**

Increase runtime by up to 130% and charge via USB or built in solar panels.




**PROTECTIVE**

**CPB-iPhoneExtra6(B)**  
**CPB-iPhoneExtra6+(B)**  
Ruggedised extended battery for Apple.  
**Suits iPhone 6 / 6S, iPhone 6 Plus / 6S Plus.**

Ultra high capacity batteries with blue and pink bumpers.




**TOUGH**

**CPB-iPhoneExtra6TOUGH(B)**  
**CPB-iPhoneExtra6+TOUGH(B)**  
Ruggedised extended battery for Apple.  
**Suits iPhone 6 / 6S, iPhone 6 Plus / 6S Plus.**

Ultra high capacity batteries in tough rubber case.




**GALAXY S6**

**CPB-GalaxyS6Extra(B)**  
3.5Ah extended battery for Samsung.  
**Suits Galaxy S6.**

Increase runtime by up to 140% in this matte black rugged rubber case for better grip and sleek look.



**LEATHER**

**CPB-iPhoneExtra6LEATHER(B)**  
**CPB-iPhoneExtra6LEATHER(W)**  
3.4Ah extended battery for Apple.  
**Suits iPhone 6 / 6S.**

High capacity battery in leather flip case protects the screen and can fold out to become a stand.




**GALAXY S6 EDGE**

**CPB-GalaxyS6EdgeExtra(B)**  
3.5Ah extended battery for Samsung.  
**Suits Galaxy S6 Edge.**

Increase runtime by up to 140% in this rugged rubber case designed to fit the S6 Edge precisely without hindering the operation of the rounded screen.



## HANDY UNIVERSAL TRAVEL ADAPTORS

From a weekend getaway to an overseas trip, all types of travellers will appreciate having an **Ansmann** travel adaptor.

Regional power input plugs are revealed by sliding one of the adaptor's four side levers for use worldwide including UK, USA, Europe and of course Australia.

**Pro Tip:** On your next trip, bring an Ansmann travel adaptor and a powerboard with enough power points for all your devices (phone, tablet, laptop, shavers, camera, etc). This way if you ever find yourself in a hotel room with limited power points, you're covered!



## INDUSTRIAL LITHIUM

**Ansmann** Industrial Lithium 1.5V & 9V batteries are intended for use in professional high power applications requiring high discharge currents like digital cameras and their flash units.

Ansmann Industrial Lithium has several advantages over its nearest equivalent:

- Up to 700% more power to last longer in most devices.
- Wide operating temperature from -40°C to +60°C.
- Up to 35% lighter than alkaline batteries.

Available in bulk in 3 sizes for bulk buyers:

- 1501-0010 (AAA)
- 1502-0005 (AA)
- 1505-0002 (9V)



## NEW SEALED LEAD ACID - SMALL SIZE



Two new unique sizes have joined the range of **MIBE** sealed lead acid batteries from 4V to 12V designed for standby and cyclic use in a variety of applications including security, toys, UPS and medical equipment.



Model: **FP626**  
6V 2.6Ah  
F1 terminals

56mm (W) x 55mm (H) x 62mm (L)



Model: **FP1226A**  
12V 2.0Ah  
F1 terminals

48mm (W) x 98mm (H) x 70mm (L)

Please check our website for specifications sheets and other information.

## PHOTO LITHIUM BULK PACKS

### DID YOU KNOW?

**Panasonic** 3V photo lithium batteries, suitable for use in digital cameras, laser pointers and torches, are now available in bulk pillow packs for bulk buyers.

Available in:  
CR123A Bulk  
CR2 Bulk

