

BATTERIES

MK Battery



Sealed PV/Solar Batteries

MK sealed batteries are designed for maintenance-free operation for the life of the battery. Sealed construction eliminates periodic watering, corrosive acid fumes and spills. Tank formed plates ensure voltage matching between cells. Most models are rated non-spillable by ICAO, IATA and DOT, meaning easy transportation by air and no special containers are needed. Exceptions are the three asterisked AGM models below, which cannot be shipped by air freight or UPS and must be shipped by truck freight on pallets.

MK Sealed Gel Batteries

The gelled electrolyte won't stratify, so no equalization charging is required. Less than 2% per month standby loss means low discharge during transport and storage. Gel batteries are best for cycling operations and where very cold temperatures are expected. They can operate at temperatures from -76 to 140 F.

MK Sealed AGM Batteries

These are completely sealed, absorbed glass mat, valve-regulated batteries with efficient recombination. UL Recognized components to UL MH17218. AGM batteries are recommended for battery backup standby power systems where batteries are in float service with occasional deep discharges. They can operate at temperatures from -40 to 140 F. Delivered from one of 20 MK warehouses across the US

Deka Solar Battery Series

The Deka Solar series of batteries is designed to offer reliable, maintenance-free back-up power for renewable energy applications where frequent deep cycles are required and minimum maintenance is desirable. East Penn offers flooded, gel valve-regulated, and absorbed valve-regulated technologies to fit all of your solar applications including:

- Water Pumping
- Wind Generation
- Cathodic Protection
- Missile Tracking
- Lighting Navigational
- Aids Communications
- Railway Signal
- Refrigeration
- Residential/Small Village
- Remote Monitoring
- Solar Panel Electricity Collection



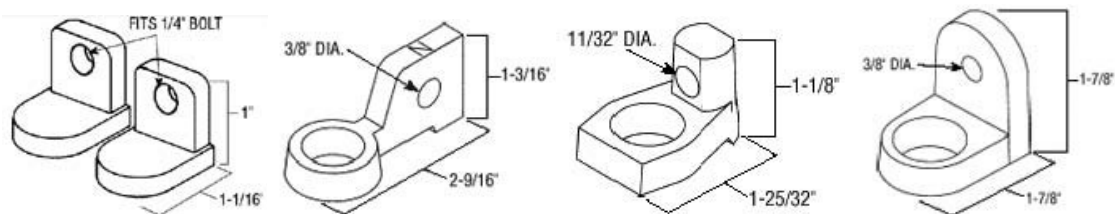
Trojan Commercial Deep Cycle Lead Acid Batteries

These batteries have been used in off-grid power systems in remote cabins for the past 25 years with great success. Because of their low initial cost, they are the most affordable true, deep cycle batteries. The T105 golf cart battery is designed to be used in small electric vehicles where they are cycled heavily and last about 2 years. In a remote home system where they are cycled down 20% every day they can last 3 to 6 years. The L-16 battery is designed for electric floor scrubbing machines. They are a heavy-duty cousin of the golf cart battery with much thicker lead plates and nearly twice the capacity. The L-16 is available in a standard and a high-capacity version. The standard version holds more electrolyte and has a slightly longer life.

The SCS-series 12-volt marine batteries are Trojan's top of the line 12-volt deep cycle batteries. They are designed for marine and RV use and work well in small cabin systems where 110 to 130 amp-hours is enough storage.



Model	Volts	Capacity (Ah) 20-hour rate	Dimensions (in)	Weight lbs
T-105	6	225	10.375 x 7.125 x 11.25	62
L-16PO	6	390	11.625 x 7 x 16.75	113
L-16HC	6	420	11.625 x 7 x 16.75	121
SCS150	12	110	11.25 X 6.75 X 9.75	50
SCS225	12	130	13.25 X 6.75 X 9.75	66



Odyssey Battery

The Odyssey Battery is a military grade battery. It is DRY-CELL, NON-EXPLOSIVE-Ingeniously uses Absorbed Glass Mat (AGM) technology to offer, in one box, the characteristics of two separate batteries. It can deep cycle as well as provide enormous cranking power. The Odyssey has double to triple the cranking power of an equally size conventional battery. Our PC2150 group 31 battery is replacing and out performing 8-D's for cranking. Superior Vibration Resistance, 400 charge/discharge cycles to 100% dept of discharge, the only battery capable of doing so. Odyssey has a 6-10 year service life with a 12 year design life and an amazing 2 years storage shelf life. With the Dry-Cell, NON-EXPLOSIVE design, the US Department of Transportation (USDOT) has classified the Odyssey battery as a non spillable and is non Haz-Mat, so it may be shipped worry-free by express service or by air.

