

MK Battery



Whether your application requires extended cycle life, long duration at low rates of discharge, minimal recharge time, or maximum high-rate performance, MK Battery manufactures and distributes only the highest quality batteries available anywhere. Not only do we continually test our own batteries; we carefully evaluate other manufacturers products as well. Moreover, we assess their overall capabilities as potential suppliers to assure that we are delivering to you the most effective technology for your unique requirements. "A battery is just a battery" does not apply here.



Deka Solar/MK Battery

VRLA- Gel

The Deka Solar/MK Battery series of valve-regulated, gelled-electrolyte batteries is designed to offer reliable, maintenance-free power for renewable energy applications where frequent deep cycles are required and minimum maintenance is desirable. The sealed construction eliminates periodic watering, corrosive acid fumes and spills. The electrolyte will not stratify so no equalization charging is required. Less than 2% per month standing loss means little deterioration during transport and storage. They are ideal for small to medium sized PV systems and are rated non-spillable by ICAO, IATA and DOT. These batteries feature polypropylene containers with self sealing vents, lead-calcium plate alloy within sulfuric acid thixotropic gel. Batteries do not include terminal bolts-all use 5/16"-18 x 1"(except for 8GU1 = 1/4"-20 x 1") sold separately. Five-year limited warranty - free replacement on the first two years and pro-rated on the last three years of the warranty.

Expected life cycles versus depth of discharge (DOD) @ 20-hour rate + 20°C :

- 3800 @ 10% DOD
- 1500 @ 30% DOD
- 650 @ 50% DOD

Model	Voltage	Capacity @ 100 Hr. Rate	Bolt Size	Dimensions L x W x H	Weight (lbs)	MSRP
8GU1	12V	36 Ah	1/4"	7.75" x 5.13" x 7.25"	24	\$97.00
8G22NF	12V	58 Ah	11/32"	9.40" x 5.50" x 9.25"	39	\$147.00
8G24	12V	84 Ah	5/16" stud	10.88" x 6.75" x 9.88"	54	\$193.00
8G27	12V	99 Ah	5/16" stud	12.75" x 6.75" x 9.88"	64	\$219.00
8G31	12V	112 Ah	3/8"	12.90" x 6.75" x 9.40"	74	\$255.00
8G4D	12V	210 Ah	3/8"	20.75" x 8.50" x 10.00"	131	\$469.00
8G8D	12V	265 Ah	3/8"	20.75" x 11.0" x 10.00"	161	\$561.00
8GGC2	6V	198 Ah	11/32"	10.25" x 7.13" x 10.88"	68	\$255.00



VRLA-AGM MK Battery

VRLA-AGM

Sealed, maintenance-free, valve-regulated type AGM batteries are available in smaller size capacity ratings, perfect for use with solar applications for powering lighter loads such as telemetry, SCADA, remote monitoring, UPS systems, LED and emergency lighting. Capacity discharge ratings are at the 20-hour rate- 20°C at -4°F to 122°F. Charge termination voltage-cyclic use = 14.40 VDC, float 13.80Vdc. Rated Non-Spillable-DOT. Two-year limited warranty.

Model	Voltage	Capacity @ 100 Hr. Rate	Bolt Size	Dimensions L x W x H	Weight (lbs)	MSRP
ES 712	12	7	0.187" tab	5.95" x 2.56" x 3.70"	6	\$24.00
ES1212	12	12	0.187" tab	5.95" x 3.86" x 3.70"	9	\$39.00
ES1712	12	17	0.50" flag	7.13" x 2.99" x 6.58"	14	\$49.00