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Solar Batteries Roundup Analysis Vendors Reference Guide

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Batteries used in solar power systems are manufactured by companies that offer similar batteries for a range of residential, commercial and industrial uses. In the solar realm, it's lead-acid batteries that power the way.

Lead-acid batteries can be valve regulated or vented. In the case of vented batteries, during overcharging gas can form, which can then escape. The water lost during this process has to be restored.

Valve regulated lead acid (VRLA) batteries are sealed. The gas made by overcharging is turned back into water, and the valve helps keep the pressure from building up. VRLA batteries come in two versions—batteries with the acid immobilized in an absorbent glass mat (AGM) or batteries where the acid is immobilized in a gel.

This Vendors Reference Guide provides a list of battery manufacturers, along with notes of the type of battery each company offers and Web site addresses to check out for additional information. We here at ConnectPress hope you will find this guide a helpful tool to learn about vendors currently offering batteries for use in alternative energy systems.

Company	Product	Web Address
Accu Oerlikon	Valve-regulated (sealed) lead-acid batteries.	Visit www.accuoerlikon.com for more information.
American Battery	Valve-regulated (sealed) gelled lead-acid batteries.	Visit www.americanbattery-deka.com for more information.
Banner Batterien	Bull brand batteries.	Visit www.bannerbatterien.com for more information.
C&D Batteries	Flooded and valve-regulated lead acid (sealed) lead-acid batteries.	Visit www.cdstandbypower.com for more information.
Concorde Battery Corp.	SunXtender PVX series for deep cycle power for solar PV, SunXtender PV system, commercial, deep cycle, and marine batteries.	Visit www.concordebattery.com for more information.
Crown Battery	Flooded deep cycle, commercial, marine, and industrial batteries.	Visit www.crownbattery.com for more information.
Deka East Penn Manufacturing Company	Deka solar battery series, flooded, gel valve-regulated and absorbed valve-regulated batteries.	Visit www.eastpenn-deka.com for more information.
Douglas Battery Manufacturing Company	Guardian valve-regulated (sealed) lead-acid batteries.	Visit www.douglasbattery.com for more information.
Dyno Battery	Deep cycle, lead acid, and sealed lead acid batteries for renewable energy systems, and marine batteries.	Visit www.dynobattery.com for more information.
Energys General Battery	Solar-One batteries; General Battery, HUP, and Renegade brand batteries.	Visit www.energysmp.com for more information.
Exide Technologies	Flooded deep cycle and sealed gelled deep cycle lead-acid batteries for consumer and industrial uses.	Visit www.energysmp.com for more information.
FIAMM Technologies Inc.	Lead-acid batteries.	Visit www.fiammamerica.com for more information.
First National Battery	Deep-cycle solar power batteries.	Visit www.battery.co.za for more information.
Hoppecke Batterien	OPzV sealed lead-acid, OPzS vented lead-acid, solar.bloc sealed lead-acid, power.bloc OPzV, and power.bloc OPzS vented lead-acid batteries.	Visit www.hoppecke.com for more information.

Company	Product	Web Address
Industrial Battery Engineering Inc.	High-capacity industrial-type for deep-cycle operation and high recovery characteristics.	Visit www.ibe-inc.com for more information.
Innery Power Corporation	ThinLine sealed lead-acid batteries.	Visit www.innergypower.com for more information.
MK Battery	Lead-acid Sealed MK Gel batteries and Sealed MK AGM batteries.	Visit www.mkbattery.com for more information.
Optima Batteries	Sealed lead-acid batteries.	Visit www.optimabatteries.com for more information.
Power-sonic Batteries	Sealed lead-acid batteries.	Visit www.power-sonic.com fore more information.
Power Battery Company Inc.	Power Solar Series gel sealed, Solar HPF Series, Flood Deep Cycle Series, and CV Series VRLA batteries.	Visit www.powerbattery.com foir more information.
Rolls Battery Engineering (part of Surrrette Battery Company)	Deep-cycle batteries for alternative energy systems.	Visit www.rollsbattery.com for more information.
Saft Batteries	Nickel-cadmium batteries.	Visit www.saftbatteries.com for more information.
Sanyo Batteries	Industrial batteries.	Visit www.us.sanyo.com for more information.
ShenZhen Center Power Tech Co. Ltd.	Sealed lead-acid (VRLA) batteries.	Visit www.vision-batt.com for more information.
Shenzhen Stand Power Industrial Co. Ltd.	VRLA deep-cycle and high-rate discharge series.	Visit www.standbattery.com for more information.
Sonnenschein	Sonnenschein dryfit sealed gel lead-acid batteries.	Visit www.sonnenschein.org for more information.
Surrrette Batttery Company Limited	Deep-cycle gel batteries.	Visit www.surrrette.com for more information.
Trojan Battery Company	Deep-cycle batteries	Visit www.trojan-battery.com for more information.
U.S. Battery Manufacturing Company	Deep-cycle batteries.	Visit www.usbattery.com for more information.