

# Batteries



DS-1000

## ***Innovative Energy Systems***

### ***DeSulfator Battery Conditioners***

When a lead-acid battery is discharged a soft, lead sulfate material forms on the battery plates. During the battery's recharge, this material is lifted off of the plates and recombined into the battery's electrolyte solution. When a battery is left in a partial state of discharge the lead sulfate material will begin to harden and crystallize - sulfation - which hampers the battery's ability to accept a charge or deliver energy. The DeSulfator connects to the battery and electronically eliminates and prevents sulfation and helps extend battery life by emitting a "sweeping pulse" of energy at a frequency which is tuned to enable sulfation to revert back into the electrolyte solution.

<b>Model</b>	<b>Battery Capacity A/h</b>	<b>Power Consumption Watts</b>	<b>Dimensions in.</b>	<b>Weight lb.</b>	<b>MSRP</b>
DS-500	Up to 350	0.2	2 x 3 x 1.5	0.4	\$115.00
DS-1000	350-1000	0.4	3 x 3 x 1.5	0.6	\$169.00