

*Introducing*

# SOLAR

TRUE DEEP-CYCLE AGM



*90+ Years of True Deep-Cycle Experience and Expertise*



# Designed for Best Value in Solar + Storage Applications



## DEEP-CYCLE SOLAR

### Daily use in off-grid or poor-grid applications

- Remote micro-grids
- Solar street signs/lights
- Off-grid cabins/tiny house
- Oil & gas
- Solar home systems
- Residential & commercial backup
- Telecom



## RUGGED CONSTRUCTION

### Proven Trojan engineering excellence

- Ruggedized polypropylene case
- Optimized paste formulation for deep-cycle operation
- Reinforced cell compression
- Flame arrestors
- Manufacturing excellence
- Abuse tolerant and safe



## MAINTENANCE-FREE

### Ultimate in long-life maintenance-free

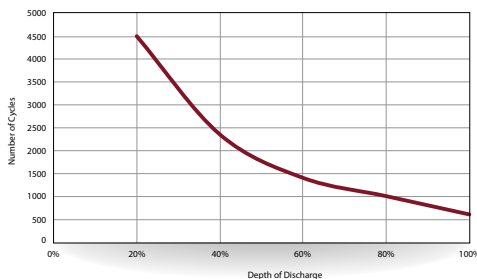
- Premium absorbed glass mat separator
- Horizontal and vertical installations
- Top-facing or front-facing terminals for ease of installation

MODEL NAME	CAPACITY <sup>A</sup> Amp-Hours (Ah)					ENERGY (kWh) 20-Hr Rate	TERMINAL Type	DIMENSIONS <sup>B</sup> INCHES (mm)			WEIGHT lbs. (kg) <sup>D</sup>	Handles	Installation Orientation
	RATE							Length	Width	Height <sup>C</sup>			
	10-Hr	20-Hr	48-Hr	72-Hr	100-Hr								
<b>12 VOLT DEEP-CYCLE AGM BATTERIES</b>													
SAGM 12 135	131	135	136	137	137	1.62	M8/ LT Adapter	12.96 (329)	7.06 (179)	10.96 (278)	81 (37)	Embedded	Horizontal and Vertical
SAGM 12 205	174	205	210	213	216	2.46	M8/ LT Adapter	14.97 (380)	6.94 (176)	14.07 (357)	125 (57)	Braided Rope	Horizontal and Vertical
<b>8 VOLT DEEP-CYCLE AGM BATTERIES</b>													
SAGM 08 165	145	165	168	171	174	1.32	M8/ LT Adapter	10.30 (262)	7.06 (179)	10.73 (273)	70 (32)	Embedded	Horizontal and Vertical
<b>6 VOLT DEEP-CYCLE AGM BATTERIES</b>													
SAGM 06 220	190	220	228	231	235	1.33	M8/ LT Adapter	10.30 (262)	7.06 (179)	10.73 (273)	68 (31)	Embedded	Horizontal and Vertical
SAGM 06 315	278	315	326	331	335	1.89	M8/ LT Adapter	11.66 (296)	6.94 (176)	13.99 (355)	95 (43)	Braided Rope	Horizontal and Vertical
SAGM 06 375	329	375	389	394	400	2.25	M8/ LT Adapter	11.66 (296)	6.94 (176)	16.31 (414)	115 (52)	Braided Rope	Horizontal and Vertical

A. The amount of amp-hours (Ah) a battery can deliver when discharged at a constant rate of 86°F (30°C) for all rates and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.  
 B. Dimensions may vary depending on type of handle or terminal. Batteries should be mounted with 0.5 inches (12.7 mm) spacing minimum.  
 C. Height taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.  
 D. Weight may vary.

Trojan's battery testing procedures adhere to both BCI and IEC test standards.

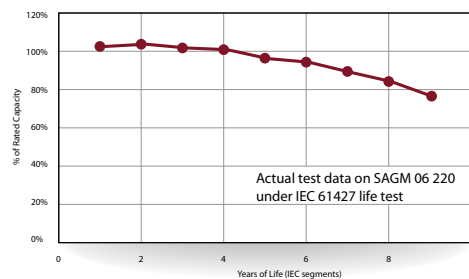
### Trojan Solar Cycle Life vs. Depth of Discharge



### Long Life in Solar Applications

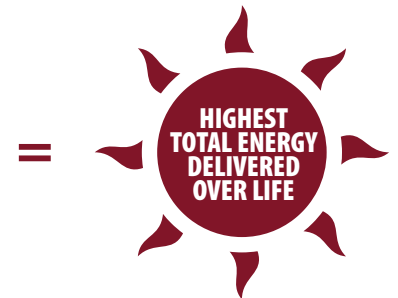
- High cycle life
- Partial SOC operation
- Deep discharge capability

### Sustained Capacity over IEC Life Test



### Sustained Capacity

- Maintains high capacity throughout life, unlike typical VRLA batteries
- Ensures reliability and functionality for life



### Most Usable Energy

- Highest Ah and kWh throughput
- Lowest cost of energy over lifetime
- Best overall battery value



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COMPLIES WITH  
**BCIS-21 (DOT/IATA)**  
 - NOT RESTRICTED FOR  
 SURFACE TRANSPORT  
 - CLASSIFIED AS NON-  
 HAZARDOUS MATERIAL  
 PER DOT 49 CFR 173.159

