

— ATB SOLAR RANGE

# Built for the way the sun sets, every single night.

Solar discharges every night and recharges during the day. Partial state-of-charge for days. Ambients run hot. Sulfation kills float-grade AGM in twelve to eighteen months. The ATB solar range matches chemistry to duty so each install lasts the way the spec sheet says.

<b>4</b> CHEMISTRIES	<b>2.5–3000</b> AH PER BLOCK / CELL	<b>12V · 2V</b> BLOCK · CELL	<b>5</b> PRODUCT SERIES
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### Cycling duty, not float

AGM DC, Gel DC and Lead-Carbon use cycling plate design. Float-grade AGM loses capacity in solar duty within twelve to eighteen months.

### Hot-climate Gel

Gelled electrolyte for ambients above 35 °C. Preferred for equatorial off-grid and inland tropical solar.

### PSoC with Lead-Carbon

Carbon-added negatives suppress sulfation during partial-state-of-charge solar duty, the duty where standard AGM fails first.

### 2V cells into solar banks

2V AGM cells string into 24 V and 48 V banks for larger residential and commercial off-grid.

## FIVE SERIES. ONE SOLAR TOOLKIT.

Five product series cover the full solar and off-grid range. AGM GP for small DC loads. AGM DC and Gel DC for residential cycling. AGM LC for partial-state-of-charge. AGM 2V cells for utility-scale banks. Every model on the pages that follow is a current ATB SKU with live site listings.

RESIDENTIAL SOLAR

## AGM Blocks for Daily Duty.

### AGM GP Series — Small DC and Low-Power Solar

DC LOADS · SMALL SOLAR

Small block AGM for solar home systems and low-power DC loads. 12V blocks from 2.3 Ah to 18 Ah at C20.

-  SEALED VRLA
-  SOLAR HOME SYSTEMS
-  MAINTENANCE-FREE
-  LOW-POWER DC

MODEL	VOLTAGE	C20 (AH)	L x W x H (MM)	WEIGHT	TERMINAL
<b>ATB AGM GP12-2.3</b>	12V	2.3Ah	178 x 36 x 61	0.88 kg	F1
<b>ATB AGM GP12-5</b>	12V	5Ah	90 x 70 x 100	1.56 kg	F1
<b>ATB AGM GP12-7</b>	12V	7Ah	151 x 65 x 94	2.05 kg	F1
<b>ATB AGM GP12-9</b>	12V	9Ah	151 x 65 x 94	2.43 kg	F2
<b>ATB AGM GP12-12</b>	12V	12Ah	151 x 98.5 x 95	3.45 kg	F2
<b>ATB AGM GP12-18</b>	12V	18Ah	181 x 77 x 167	5.1 kg	M5

ATB GP12-2.3 battery  
GP12-2.3

ATB GP12-7 battery  
GP12-7

ATB GP12-12 battery  
GP12-12

ATB GP12-18 battery  
GP12-18

Representative sizes shown. Full AGM GP Series range and datasheets at [atbpower.com](http://atbpower.com).

### AGM DC Series — Deep-Cycle for Residential Solar

OFF-GRID · RESIDENTIAL

Thick positive plates for daily deep discharge. Sized for residential off-grid and inverter banks. 55 Ah to 210 Ah at C20.

-  SEALED VRLA
-  DEEP CYCLE
-  OFF-GRID READY
-  HIGH CYCLE LIFE

MODEL	VOLTAGE	C20 (AH)	L x W x H (MM)	WEIGHT	TERMINAL
<b>ATB AGM DC12-55</b>	12V	55Ah	229 x 136 x 210	16.4 kg	M6
<b>ATB AGM DC12-85</b>	12V	85Ah	260 x 168 x 211	25 kg	M8
<b>ATB AGM DC12-105</b>	12V	105Ah	306 x 169 x 216	28 kg	M8
<b>ATB AGM DC12-210</b>	12V	210Ah	522 x 240 x 219	58 kg	M8

Representative sizes shown. Full AGM DC Series range and datasheets at [atbpower.com](http://atbpower.com).

HOT CLIMATES · PSoC  
**Gel + Lead-Carbon.**

**Gel DC Series — Hot-Climate Deep-Cycle**

TROPICAL · EQUATORIAL

True gel deep-cycle for ambients above 35 °C — not an AGM-gel hybrid. Silica-thickened sulphuric acid stays put under heat. Preferred for equatorial off-grid and inland tropical solar.

-  GEL ELECTROLYTE
-  HOT CLIMATE
-  DEEP CYCLE
-  SEALED VRLA

MODEL	VOLTAGE	C20 (AH)	L × W × H (MM)	WEIGHT	TERMINAL
<b>ATB Gel 12-50</b>	12V	54Ah	229 × 136 × 210	20 kg	M6
<b>ATB Gel 12-65</b>	12V	71Ah	260 × 168 × 211	24 kg	M6
<b>ATB Gel 12-80</b>	12V	87Ah	306 × 168 × 211	27 kg	M6
<b>ATB Gel 12-100</b>	12V	109Ah	332 × 175 × 215	32 kg	M8
<b>ATB Gel 12-120</b>	12V	130Ah	483 × 170 × 240	36 kg	M8
<b>ATB Gel 12-180</b>	12V	196Ah	522 × 240 × 219	58 kg	M8
<b>ATB Gel 12-200</b>	12V	217Ah	520 × 268 × 220	60 kg	M8

Representative sizes shown. Full Gel DC Series range and datasheets at [atbpower.com](http://atbpower.com).

**AGM LC Series — Lead-Carbon for PSoC Solar**

SOLAR SELF-USE · PSoC

Lead-carbon AGM for partial-state-of-charge solar self-consumption. Carbon negatives suppress sulfation during incomplete recharge cycles.

-  SEALED VRLA
-  PSoC TOLERANT
-  SOLAR SELF-USE
-  EXTENDED LIFE

MODEL	VOLTAGE	C20 (AH)	L × W × H (MM)	WEIGHT	TERMINAL
<b>ATB LC12-200</b>	12V	215Ah	520 × 268 × 220	65 kg	M8
<b>ATB LC12-230</b>	12V	245Ah	520 × 268 × 220	72 kg	M8





Representative sizes shown. Full AGM LC Series range and datasheets at [atbpower.com](http://atbpower.com).

UTILITY-SCALE BANKS  
**2V Cells for Larger Strings.**

**AGM 2V Series — Utility-Scale AGM Cells**

24V / 48V BANKS · LARGER OFF-GRID

2V AGM cells string into 24 V and 48 V banks for larger residential and commercial off-grid. Utility-scale cycling with individual cell replacement for long install life.

 <b>INDIVIDUAL CELLS</b>	 <b>SEALED VRLA</b>	 <b>BANK CONFIGURABLE</b>	 <b>LONG DESIGN LIFE</b>
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MODEL	VOLTAGE	C20 (AH)	L x W x H (MM)	WEIGHT	TERMINAL
<b>ATB AGM 2V-100</b>	2V	110Ah	171 x 72 x 204	5.6 kg	M8
<b>ATB AGM 2V-200</b>	2V	200Ah	170 x 106 x 332	12.5 kg	M8
<b>ATB AGM 2V-300</b>	2V	300Ah	172 x 151 x 319	18 kg	M8
<b>ATB AGM 2V-600</b>	2V	600Ah	285 x 171 x 330	36.5 kg	M8

ATB 2V-100 battery  
2V-100

ATB 2V-500 battery  
2V-500

ATB 2V-1000 battery  
2V-1000

ATB 2V-3000 battery  
2V-3000

Representative sizes shown. Full AGM 2V Series range and datasheets at [atbpower.com](http://atbpower.com).

**PRODUCT AND MANUFACTURING STANDARDS**  
**ISO · UL · CE · IEC · UN 38.3**

**FACTORY & QUALITY**

**ISO 9001:2015** Quality management  
**ISO 14001:2015** Environmental  
**ISO 45001:2018** Occupational H&S

**PRODUCT SAFETY**

**UL** Recognized Component  
**CE** Marked  
**UN 38.3** Air & sea transport

**SOLAR & STATIONARY**

**IEC 60896-21:2004** Stationary VRLA  
**IEC 60896-22:2004** Performance test