

— ATB AGM 2V SERIES

2V cells for utility-scale battery banks.



Stationary 2V AGM cells string into 24V, 48V and 110V banks for telecom, utility and industrial backup. Long design life. Individual cell replacement keeps total system lifetime longer than block-only solutions.

100–3000 AH PER CELL	2V CELL FORMAT	15–20 yr DESIGN LIFE @ 25°C	24–110V BANK VOLTAGES
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Long design life

Tubular and flat-plate 2V designs deliver 15 to 20 year stationary life under controlled float.

Cell-level replacement

Replace individual cells without retiring the entire bank. Lower total cost over a 20-year horizon.

Telecom and utility

-48V telecom plant and utility-grid backup. Sized for cabinet and floor-mount rack installs.

AGM construction

Sealed VRLA AGM with calcium-tin grids. Low water loss, low gassing under float, recombination chemistry.

2V CELLS. 20-YEAR HORIZON. REPLACE ONE, NOT THE BANK.

2V AGM cells use thick tubular or flat-plate positive grids with high-purity lead-calcium-tin alloy. Float life of 15-20 years at 25°C is typical. Float voltage 2.23-2.27V per cell. Boost charge 2.40V max. Cell-by-cell test data provided for matched strings.

AGM · 2V SERIES

Stationary cells. 100 to 3000 Ah.

2V Series — Stationary AGM Cells

TELECOM · UTILITY · STATIONARY

2V AGM cells for utility-scale stationary banks. Floor-mount rack installs. Individual cell replacement extends total bank lifetime beyond 20 years in float duty.

INDIVIDUAL CELLS

BANK CONFIGURABLE

LONG DESIGN LIFE

SEALED VRLA

TELECOM · UTILITY

MODEL	VOLTAGE	C20 (AH)	L × W × H (MM)	WEIGHT	TERMINAL
ATB AGM 2V-100	2V	122Ah	171 × 72 × 204	5.6 kg	M8
ATB AGM 2V-200	2V	220Ah	170 × 106 × 332	12.5 kg	M8
ATB AGM 2V-300	2V	330Ah	172 × 151 × 319	18 kg	M8
ATB AGM 2V-500	2V	598Ah	241 × 171 × 330	28 kg	M8
ATB AGM 2V-1000	2V	1190Ah	471 × 171 × 330	56 kg	M8
ATB AGM 2V-1500	2V	2380Ah	476 × 337 × 330	111 kg	M8
ATB AGM 2V-2000	2V	2978Ah	476 × 337 × 330	122 kg	M8
ATB AGM 2V-3000	2V	3570Ah	696 × 340 × 330	166 kg	M8



2V-100



2V-500



2V-1000



2V-3000

Representative sizes shown. Full 2V Series range and datasheets at atbpower.com.

QUALITY & STANDARDS

Stationary-grade. 20-year horizon.

FACTORY & COMPLIANCE

ISO 9001 · IEC 60896-21/22 · UN 38.3 · UL Recognized

FACTORY

ISO 9001 Quality system

ISO 14001 Environment

ISO 45001 Occupational H&S

PRODUCT

IEC 60896-21 Performance

IEC 60896-22 Construction

UN 38.3 Transport

TELECOM

YD/T 799-2010 VRLA

BS 6290 Pt 4 Stationary

ETSI EN 300 132-2 DC supply

2V series ships with matched cell test data, factory commissioning guides and recommended monitoring intervals. Supplied with cell-mount rack hardware on request. Datasheets via atbpower.com.