

— ATB AGM HR SERIES

High-rate AGM for the UPS minute.

When mains fails, a UPS battery has minutes to deliver. HR series tunes plate design for high-current discharge over 5 to 30 minutes — the duty UPS specifies and where rate-of-fall matters.



37–520 W PER CELL AT 15MIN	12V BLOCK FORMAT	6–10 yr DESIGN LIFE @ 25°C	5–30 min DISCHARGE WINDOW
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Tuned for high rate

Thinner plates with higher specific surface area. Optimised for short, hard discharges instead of slow cycle duty.

Rack-ready

Standard heights match cabinet U-spaces. M5 and M6 terminals depending on capacity.

Sealed VRLA

Maintenance-free. Low gassing under float. Multi-orientation install for tight rack environments.

UPS-grade testing

Constant-power discharge tested per IEC 60896-22. Watts-per-cell published for 5, 10, 15 and 30 minute durations.

BUILT TO DISCHARGE FAST. SPECIFIED BY THE WATT, NOT THE AMP-HOUR.

HR series rates capacity in watts at the cell level — the metric UPS designers actually use. Plate count, separator porosity and grid alloy all favour high-current discharge over slow cycling. AGM separator and calcium-tin grids minimise water loss.

AGM · HR SERIES

High-Rate VRLA for UPS Backup.

HR Series — High-Rate VRLA

UPS · DATA CENTRE

AGM blocks tuned for short, high-current UPS discharge. Watts-per-cell rated. 12V from 37 to 520 W/cell at 15 minutes.

MODEL	VOLTAGE	C20 (AH)	L × W × H (MM)	WEIGHT	TERMINAL
ATB AGM HR12-37	12V	9Ah	151 × 65 × 94	2.57 kg	F1
ATB AGM HR12-92	12V	21.5Ah	181 × 77 × 167	6.3 kg	M5
ATB AGM HR12-120	12V	30Ah	165 × 125 × 175	9.0 kg	M5
ATB AGM HR12-150	12V	34Ah	195 × 130 × 155	11.0 kg	M6
ATB AGM HR12-250	12V	57Ah	229 × 138 × 210	18 kg	M6
ATB AGM HR12-300	12V	78Ah	260 × 169 × 211	24 kg	M6
ATB AGM HR12-420	12V	118Ah	332 × 175 × 215	32 kg	M6
ATB AGM HR12-520	12V	143Ah	341 × 173 × 282	42.5 kg	M6

 HIGH-RATE DISCHARGE

 UPS / DATA CENTRE

 SEALED VRLA

 RACK READY

 FLOAT / STANDBY



HR12-37



HR12-150



HR12-300



HR12-520

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

QUALITY & STANDARDS

UPS-grade. Watt-rated. Cabinet-ready.

FACTORY & COMPLIANCE

ISO 9001 · UL Recognized · IEC 60896-22 · BS 6290 Pt 4

FACTORY

ISO 9001 Quality system

ISO 14001 Environment

ISO 45001 Occupational H&S

PRODUCT

UL Recognized

UN 38.3 Transport

IEC 60896-22 Stationary VRLA

UPS STANDARDS

BS 6290 Pt 4 Stationary

EN 60896-21 Performance

IEEE 1188 Maintenance

HR series ships with watt-per-cell discharge tables for 1, 5, 10, 15, 30 and 60 minute durations. UPS designers can size strings against constant-power discharge curves available on request through atbpower.com.