



Rolls

BATTERY ENGINEERING

RENEWABLE ENERGY





RENEWABLE ENERGY SERIES

Rolls premium deep cycle batteries have been
chosen as the best off-grid battery for over 25 years.

Rolls



4 KS 25P



S2 LI6



R12-150LFP



S6-460AGM-RE

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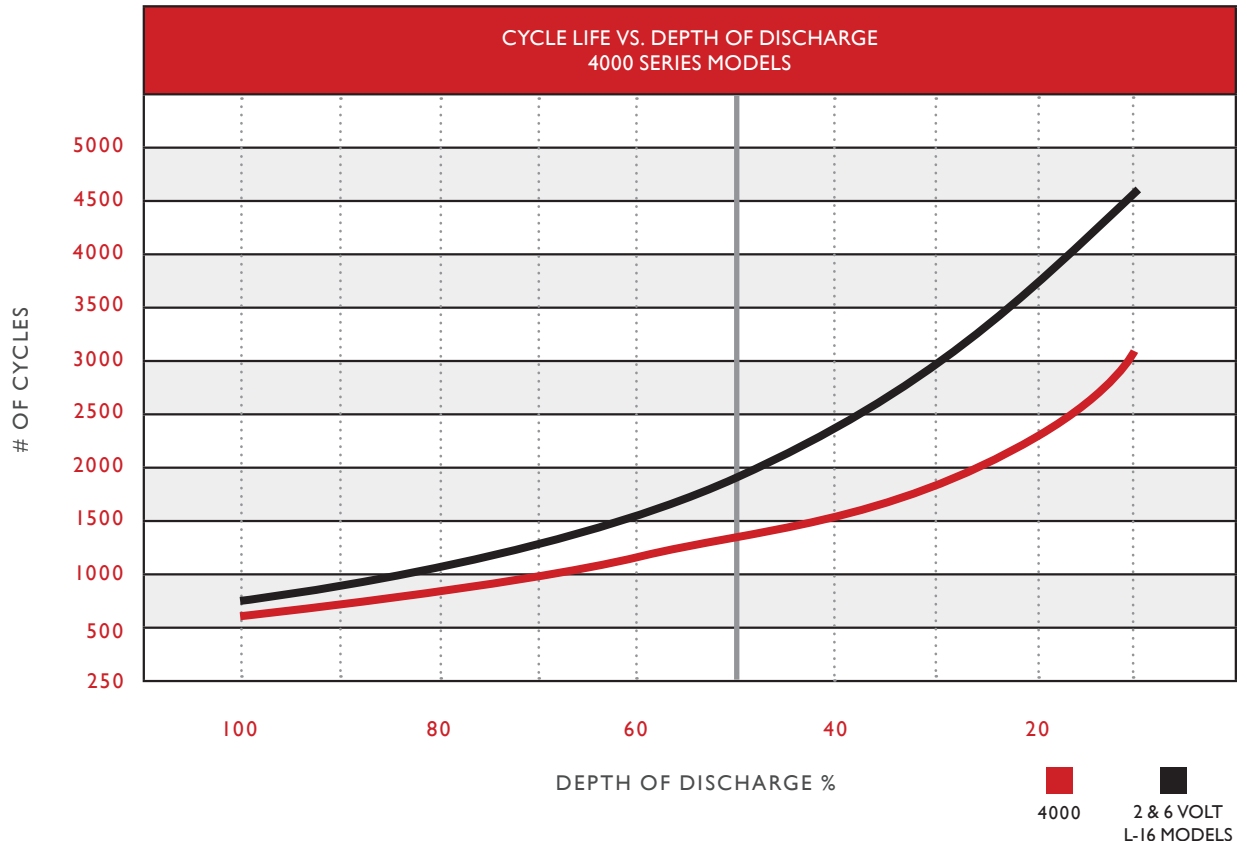
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4000 SERIES

Rolls Battery 4000 Series product range offers a full range of voltage and capacity options. Our most popular models are based on the well recognized L-16, group 24 and 27 sizes with improved capacity, liquid reserve (up to 2.75”) and cycle life.

| MODEL | 10 HR RATE | 20 HR RATE | 100 HR RATE | BCI | TERMINAL TYPE | LENGTH MM | WIDTH MM | HEIGHT MM | WEIGHT KG |
|---|------------|------------|-------------|------|---------------|-----------|----------|-----------|-----------|
| ROLLS BATTERY 4000 SERIES: 2 VOLT | | | | | | | | | |
| S2 LI6 | 1052 | 1169 | 1344 | L-16 | LT | 318mm | 181mm | 432mm | 54.5kg |
| S2 LI6-HC | 1202 | 1335 | 1495 | L-16 | LT | 318mm | 181mm | 432mm | 57.5kg |
| S2 LI6-SC | 1353 | 1503 | 1683 | L-16 | LT | 318mm | 181mm | 432mm | 59kg |
| ROLLS BATTERY 4000 SERIES: 6 VOLT | | | | | | | | | |
| S6 GC2-HC | 202 | 241 | 294 | GC2 | DT | 259mm | 181mm | 279mm | 31.5kg |
| S6 I45 | 220 | 250 | 320 | GC2H | DT | 259mm | 181mm | 290mm | 32kg |
| S6 LI6 | 351 | 390 | 449 | L-16 | LT | 318mm | 181mm | 425mm | 51kg |
| S6 LI6-HC | 401 | 445 | 498 | L-16 | LT | 318mm | 181mm | 425mm | 55.5kg |
| S6 LI6-SC | 438 | 487 | 545 | L-16 | LT | 318mm | 181mm | 425mm | 56.5kg |
| ROLLS BATTERY 4000 SERIES: 12 VOLT | | | | | | | | | |
| S12 24 | 72 | 85 | 106 | 24 | DT | 279mm | 171mm | 238mm | 21.5kg |
| S12 27 | 89 | 105 | 140 | 27 | DT | 321mm | 171mm | 238mm | 24.5kg |
| S12 31 | 111 | 130 | 173 | 31 | DT | 330mm | 171mm | 241mm | 29.5kg |
| S12 GC | 136 | 155 | 206 | GC12 | UTL | 333mm | 182mm | 274mm | 37.5kg |
| S12 I85 | 185 | 210 | 279 | 92I | DT | 391mm | 178mm | 365mm | 52kg |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.



*Cycle life may vary by application and is affected by frequency of cycling, operating temperature, depth of discharge (%DOD), adherence to manufacturer-recommended charging parameters and proper maintenance.

IEC Testing
 International Electrotechnical Commission's (IEC) standard 61427-1:2013 outlines performance criteria used to measure all deep cycle secondary cells and batteries used in PV (Photovoltaic) off-grid energy storage applications. Independent IEC testing has demonstrated and confirmed that Rolls Battery 4000 Series 6-volt and 2-volt L-16 models, 4500 Series 6-volt and 2-volt L-16 models, and 5000 Series 2-volt, 4-volt, 6-volt, 8-volt and 12-volt premium flooded deep cycle models meet and exceed the requirements of operation in conditions of Partial State of Charge (PSOC) as well as continuous heavy discharge & recharge.

Visit <http://rollsbattery.com/rolls-battery-iec-testing> for information on the independent IEC 61427-1:2013 testing performed by Dalhousie University Renewable Energy Storage Laboratory (RESL).



S6 LI6 S6 LI6-HC S6 GC2 S2 LI6-SC

4000 FEATURES

- Heavy plate construction
- Industry leading liquid reserves
- 3 year warranty
- 12 year average life*
- Unsurpassed cycling

4500 SERIES

Offered in 2 volt and 6 volt configurations, Rolls 4500 Series models provides the convenience of the popular L-16 case design with added durability and cycle life found in our heavy grade 5000 Series plate construction. The result, a versatile L-16 model with an impressive 3700 cycles @ 50% DOD, backed by a 4 year full replacement warranty.

NEW Adding to Rolls 4500 Series exceptional performance and added cycle life, these popular 2-volt & 6-volt L-16 models now feature enhanced negative plate construction with Rolls Battery proprietary Advanced NAM carbon blend.



**ADVANCED
NAM**

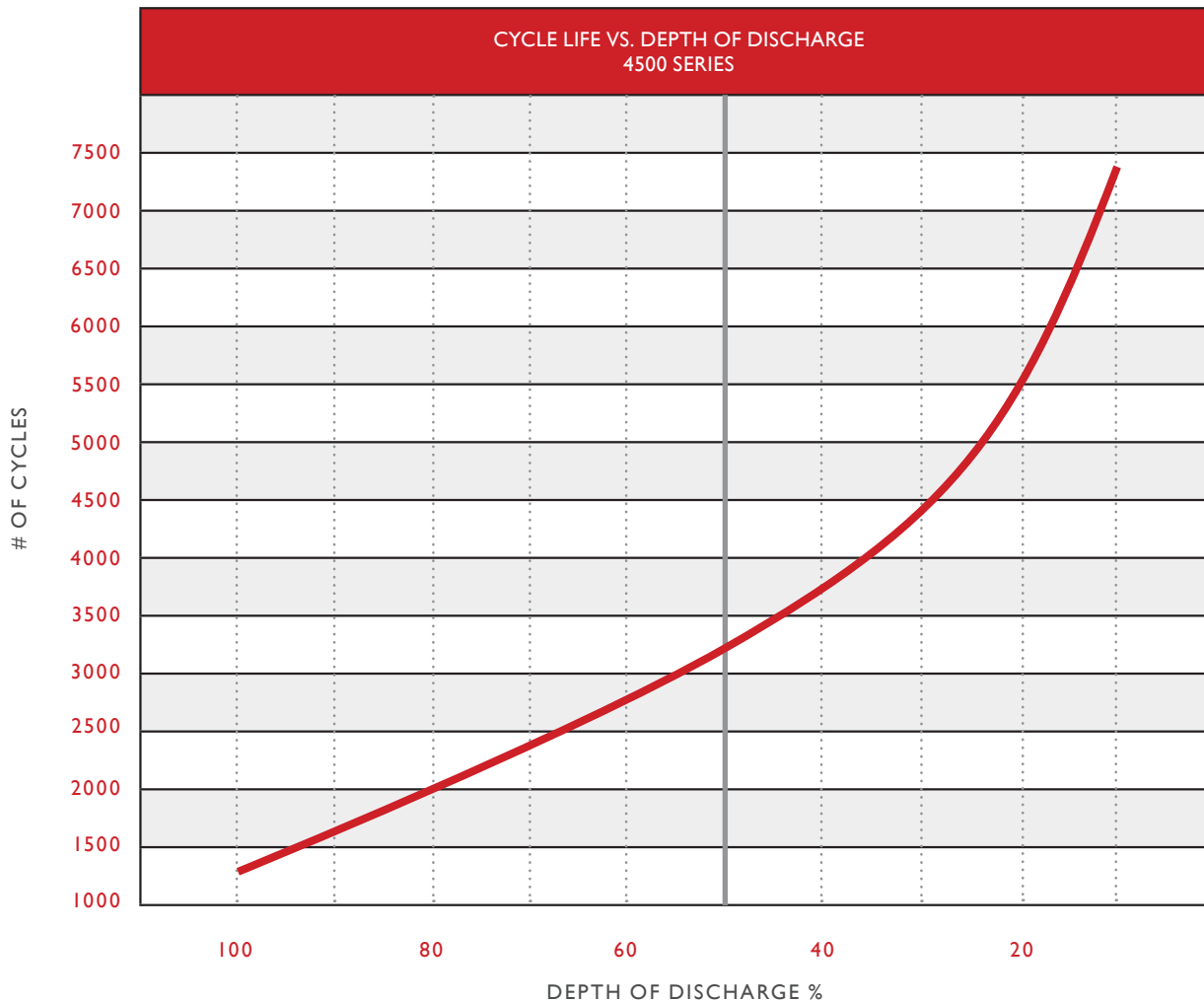
- Quicker & More Efficient Charging
- Improved Cycle Life
- Higher Capacity
- Enhanced PSOC Performance

| MODEL | 10 HR RATE | 20 HR RATE | 100 HR RATE | BCI | TERMINAL TYPE | LENGTH MM | WIDTH MM | HEIGHT MM | WEIGHT KG |
|--|------------|------------|-------------|------|---------------|-----------|----------|-----------|-----------|
| ROLLS BATTERY 4500 SERIES: 2 VOLT | | | | | | | | | |
| S-1400EX | 926 | 1040 | 1342 | L-16 | LT | 318mm | 181mm | 432mm | 58kg |
| ROLLS BATTERY 4500 SERIES: 6 VOLT | | | | | | | | | |
| S-500EX | 330 | 371 | 479 | L-16 | LT | 318mm | 181mm | 425mm | 59kg |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

| ROLLS ACCESSORIES | | |
|--|---|---|
|  |  |  |
| Rolls R-Cap | Hydrometer | Interconnect Cables |

Contact your Rolls Battery Distributor or Dealer for more information.



*Cycle life may vary by application and is affected by frequency of cycling, operating temperature, depth of discharge (%DOD), adherence to manufacturer-recommended charging parameters and proper maintenance.

IEC Testing

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S6 L16-EX

S2 L16-EX

4500 FEATURES

- Heavy plate construction
- Industry's leading liquid reserve
- Included Rolls R-Cap
- 4 year warranty
- 15 year average life*
- Extended cycling



5000 SERIES

Our unique battery design features dual container construction. Each cell is self contained in a high temperature-retardant, durable polypropylene case. The outer container is made of high-density unbreakable polyethylene, providing double protection from breakage and acid leakage. Cell replacement is clear and concise with bolt-on connectors, allowing the battery to be assembled or repaired on location.

NEW All Rolls 5000 Series Renewable Energy models now feature enhanced negative plate construction with Rolls Battery proprietary Advanced NAM carbon blend.

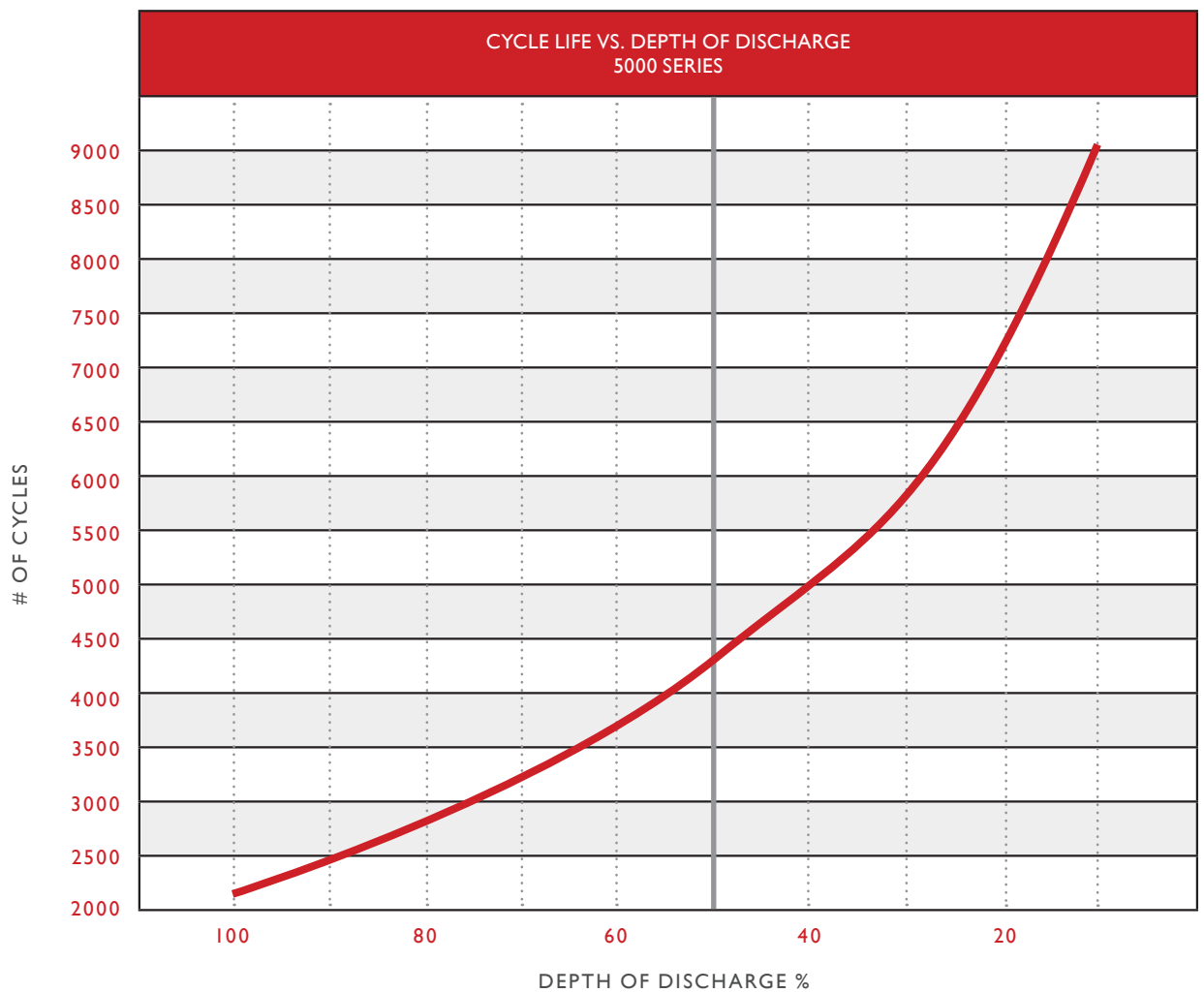


**ADVANCED
NAM**

- Quicker & More Efficient Charging
- Improved Cycle Life
- Higher Capacity
- Enhanced PSOC Performance

| MODEL | 10 HR RATE | 20 HR RATE | 100 HR RATE | BCI | TERMINAL TYPE | LENGTH MM | WIDTH MM | HEIGHT MM | WEIGHT KG |
|---|------------|------------|-------------|-------|---------------|-----------|----------|-----------|-----------|
| ROLLS BATTERY 5000 SERIES: 2 VOLT | | | | | | | | | |
| 2 KS 33P | 1635 | 1837 | 2369 | SPEC. | FLAG | 392mm | 211mm | 630mm | 94kg |
| 2 OS 33P | 1740 | 1955 | 2522 | SPEC. | FLAG | 392mm | 211mm | 630mm | 100.5kg |
| 2 YS 27P | 1949 | 2190 | 2825 | SPEC. | FLAG | 356mm | 229mm | 803mm | 111.5kg |
| 2 YS 31P | 2249 | 2527 | 3260 | SPEC. | FLAG | 394mm | 229mm | 803mm | 129kg |
| 2 YS 62P | 4498 | 5054 | 6520 | SPEC. | FLAG | 695mm | 229mm | 803mm | 258.5kg |
| ROLLS BATTERY 5000 SERIES: 4 VOLT | | | | | | | | | |
| 4 CS 17P | 505 | 568 | 733 | SPEC. | FLAG | 365mm | 210mm | 464mm | 58kg |
| 4 KS 21P | 1022 | 1148 | 1481 | SPEC. | FLAG | 400mm | 238mm | 629mm | 121kg |
| 4 KS 25P | 1250 | 1404 | 1811 | SPEC. | FLAG | 400mm | 270mm | 629mm | 142.5kg |
| 4 KS 27P | 1351 | 1518 | 1959 | SPEC. | FLAG | 400mm | 270mm | 629mm | 153.5kg |
| ROLLS BATTERY 5000 SERIES: 6 VOLT | | | | | | | | | |
| 6 CS 17P | 505 | 568 | 733 | SPEC. | FLAG | 559mm | 210mm | 464mm | 100kg |
| 6 CS 21P | 632 | 710 | 921 | SPEC. | FLAG | 559mm | 248mm | 464mm | 122.5kg |
| 6 CS 25P | 759 | 853 | 1100 | SPEC. | FLAG | 559mm | 286mm | 464mm | 144kg |
| 6 CS 27P | 827 | 929 | 1198 | SPEC. | FLAG | 559mm | 286mm | 464mm | 155kg |
| ROLLS BATTERY 5000 SERIES: 12 VOLT | | | | | | | | | |
| 12 CS 11P | 330 | 371 | 479 | SPEC. | FLAG | 559mm | 286mm | 464mm | 123kg |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.



*Cycle life may vary by application and is affected by frequency of cycling, operating temperature, depth of discharge (%DOD), adherence to manufacturer-recommended charging parameters and proper maintenance.

IEC Testing
International Electrotechnical Commission's (IEC) standard 61427-1:2013 outlines performance criteria used to measure all deep cycle secondary cells and batteries used in PV (Photovoltaic) off-grid energy storage applications. Independent IEC testing has demonstrated and confirmed that Rolls Battery 4000 Series 6-volt and 2-volt L-16 models, 4500 Series 6-volt and 2-volt L-16 models, and 5000 Series 2-volt, 4-volt, 6-volt, 8-volt and 12-volt premium flooded deep cycle models meet and exceed the requirements of operation in conditions of Partial State of Charge (PSOC) as well as continuous heavy discharge & recharge.

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2 KS 33P 2 YS 31P

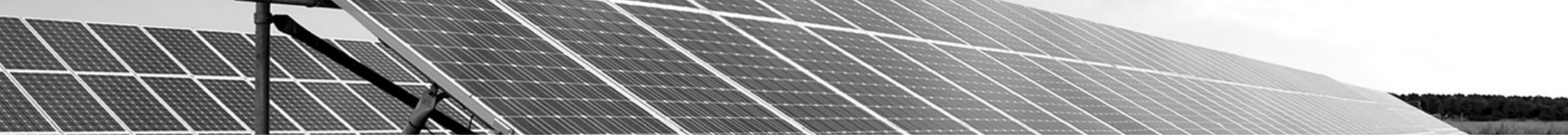
ENHANCED PERFORMANCE & CYCLE LIFE



5000 FEATURES

- Advanced NAM additive for quicker & more efficient charging, increased capacity & improved cycle life
- Widest range of specifications available
- Modular dual container construction
- Computer controlled formation
- Robotically welded
- Included Rolls R-Cap
- 5 year warranty
- 15 year average life*
- Load and capacity tested prior to shipping



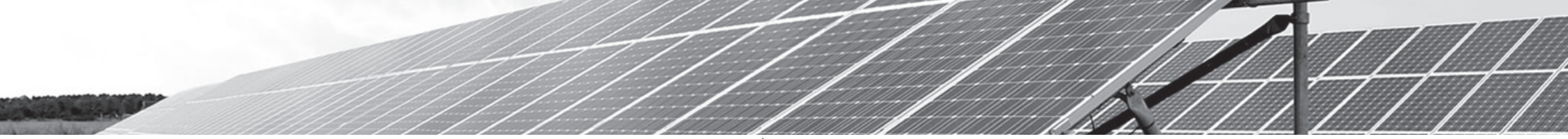


R - SERIES LFP

Rolls high performance 12V & 24V Lithium-Iron-Phosphate (LiFePO₄) batteries provide a compatible drop-in SLA replacement with fast charging/discharging capability, compact case design, 48V connectivity and are up to 50% lighter than equivalent lead-acid battery models.

| MODEL | VOLTAGE | RATED CAPACITY [Ah] | RATED CAPACITY [kWh] | BCI | TERMINAL TYPE | LENGTH IN MM | WIDTH IN MM | HEIGHT IN MM | WEIGHT LBS KG |
|----------------|---------|---------------------|----------------------|-----|---------------|----------------|----------------|----------------|------------------|
| 12 VOLT | | | | | | | | | |
| R12-100LFP | 12.8V | 100 | 1.28 kWh | 24 | M8 | 10.24" 260mm | 6.69" 170mm | 8.3" 211mm | 25.4lbs 11.5kg |
| R12-135LFP | 12.8V | 135 | 1.728 kWh | 31 | M8 | 13" 330mm | 6.81" 173mm | 8.62" 219mm | 33lbs 15kg |
| R12-150LFP | 12.8V | 150 | 1.92 kWh | 31 | M8 | 13" 330mm | 6.81" 173mm | 8.62" 219mm | 34.2lbs 15.5kg |
| R12-200LFP | 12.8V | 200 | 2.56 kWh | 49 | M8 | 19.3" 490mm | 6.73" 171mm | 9.573" 243mm | 48.5lbs 22kg |
| R12-300LFP | 12.8V | 300 | 3.84 kWh | 8D | M8 | 20.5" 521mm | 10.51" 267mm | 8.78" 223mm | 72.8lbs 33kg |
| 24 VOLT | | | | | | | | | |
| R24-50LFP | 25.6V | 50 | 1.26 kWh | 24 | M8 | 10.24" 260mm | 6.69" 170mm | 8.3" 211mm | 26.5lbs 12kg |
| R24-100LFP | 25.6V | 100 | 2.52 kWh | 49 | M8 | 19.3" 490mm | 6.73" 171mm | 9.57" 243mm | 48.5lbs 22kg |
| R24-150LFP | 25.6V | 150 | 3.78 kWh | 8D | M8 | 20.5" 521mm | 10.5" 267mm | 8.78" 223mm | 73.6lbs 33.5kg |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process.



R12-135LFP



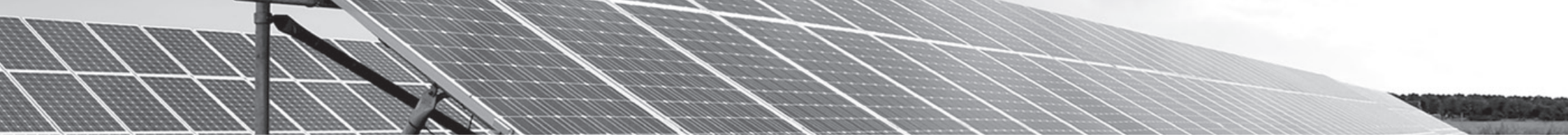
R24-100LFP

R - SERIES SAFETY & CERTIFICATION

- Built-in Battery Management System (BMS)
- Cylindrical LiFePO₄ cells (UL1642)
- IEC62133 (cell), IEC62619(cell), ROHS (cell)
- UN38.3 (cell/pack)
- CE system certification
- IP65 Rating

R - SERIES FEATURES

- Cylindrical LiFePO₄ cells
- Standard-size (BCI) ABS container for easy VRLA AGM replacement
- Lightweight, compact design with standard M8 terminal
- Fast charge/discharge performance
- Maintenance-free operation
- Battery Management System (BMS) for balanced charging & protections
- Connect up to 4 in Series or Parallel for 48V system configuration
- 6000 cycles @ 80% DOD, 3000 cycles @ 100% DOD



R - SERIES LFP

| BMS PROTECTIONS |
|-----------------------------|
| Short-Circuit Protection |
| Over-Voltage Protection |
| Low-Voltage Protection |
| Over-Current Protection |
| Low-Temperature Protection |
| Over-Temperature Protection |

| CONNECTION* | | |
|-------------|--------|----------|
| MODEL | SERIES | PARALLEL |
| 12V MODELS | 4 | 4 |
| 24V MODELS | 2 | 4 |

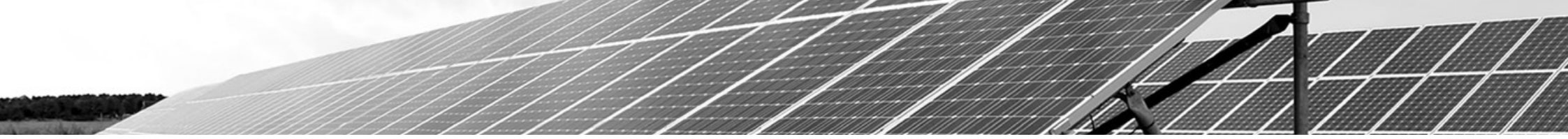
*Maximum 48V system configuration

Connect up to four (4) 12V models in series for 48V configuration and 12V or 24V models up to four (4) in parallel for increased capacity.

*Refer to Rolls R-Series LFP Battery Operating Manual for detailed instructions.

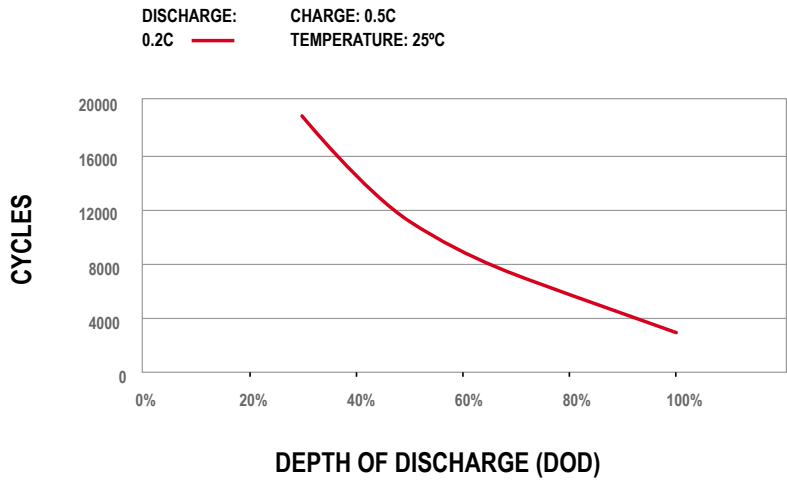


| OPERATING TEMPERATURE RANGE | |
|-----------------------------|--------------------------|
| CHARGE | 0°C(32°F)~55°C(131°F) |
| DISCHARGE | -20°C(4°F)~60°C(140°F) |
| STORAGE | -5°C (23°F)~45°C (113°F) |

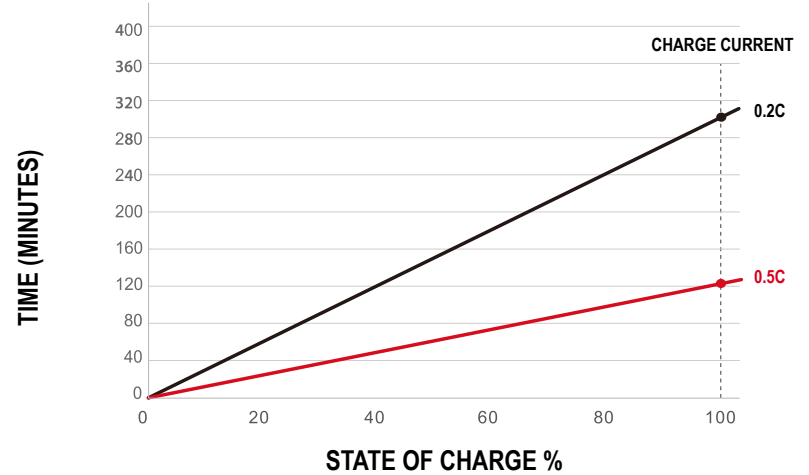


R - SERIES LFP

CYCLE LIFE VS DEPTH OF DISCHARGE @ 25°C



CHARGE TIME 0.2C / 0.5C @ 25°C

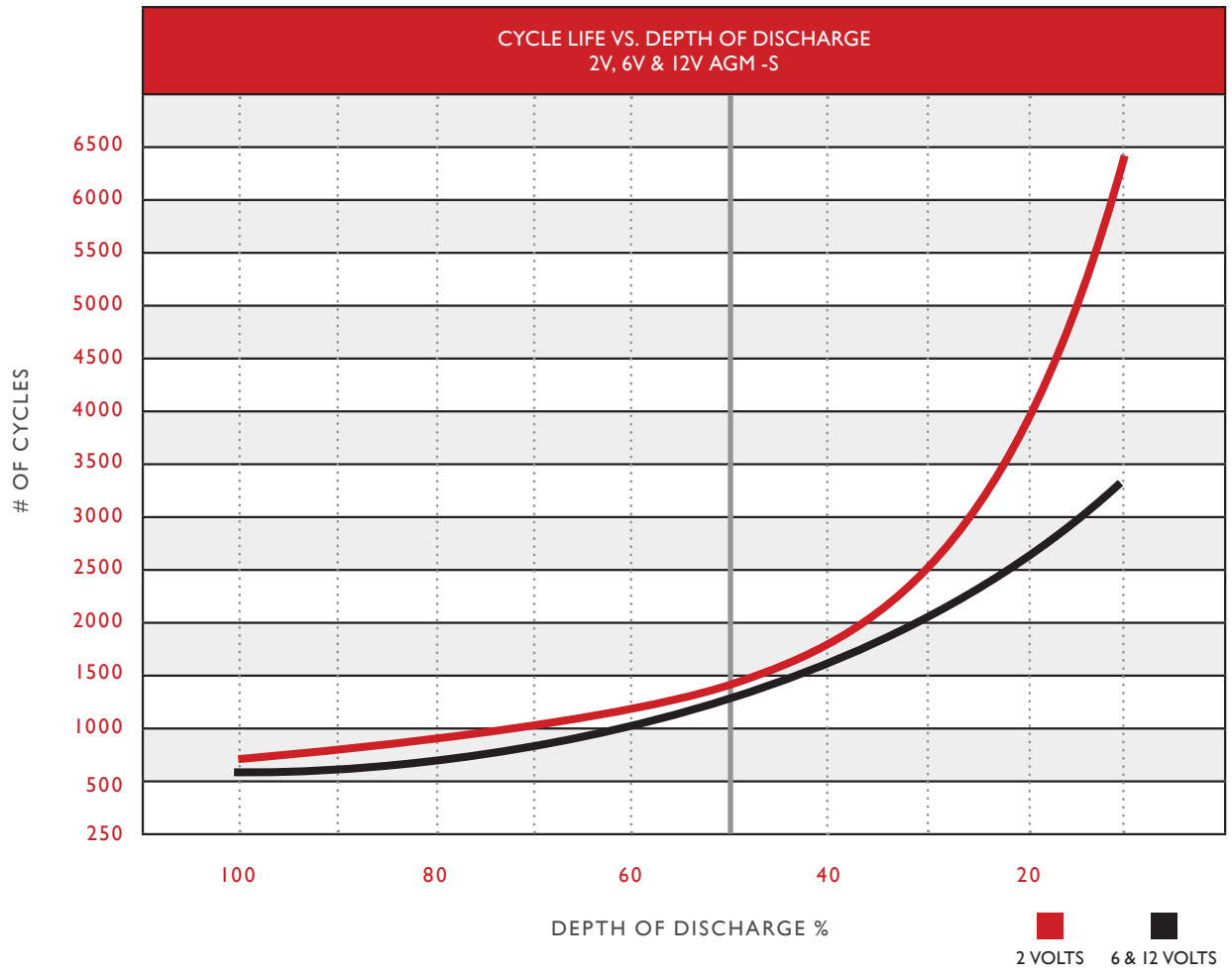


AGM - S

Rolls high quality AGM-S VRLA batteries offer true deep cycle performance, increased capacity and extended cycle life in a rugged, sealed, shock and vibration-resistant ABS case design for added durability, ideal for a variety of remote and confined off-grid, grid-tied and backup applications.

| MODEL | VOLTAGE | 10 HR RATE | 20 HR RATE | 100 HR RATE | TERMINAL TYPE | LENGTH MM | WIDTH MM | HEIGHT MM | WEIGHT KG |
|-------------------------------------|---------|------------|------------|-------------|---------------|-----------|----------|-----------|-----------|
| ROLLS BATTERY AGM-S: 2 VOLT | | | | | | | | | |
| S2-1275AGM-RE | 2 V | 1040 | 1150 | 1275 | F10 | 295mm | 179mm | 424mm | 57.5kg |
| ROLLS BATTERY AGM-S: 6 VOLT | | | | | | | | | |
| S6-275AGM-RE | 6 V | 229 | 250 | 275 | M8-TP08 | 262mm | 181mm | 281mm | 34.5kg |
| S6-370AGM-RE | 6 V | 300 | 335 | 370 | DT | 295mm | 179mm | 365mm | 48kg |
| S6-460AGM-RE | 6 V | 374 | 415 | 460 | DT-M10 | 295mm | 179mm | 424mm | 57kg |
| ROLLS BATTERY AGM-S: 8 VOLT | | | | | | | | | |
| S8-200AGM-RE | 8 V | 162 | 170 | 200 | DT | 260mm | 182mm | 314mm | 34.5kg |
| S8-230AGM-RE | 8 V | 190 | 200 | 230 | DT | 260mm | 182mm | 314mm | 38kg |
| ROLLS BATTERY AGM-S: 12 VOLT | | | | | | | | | |
| S12-95AGM-RE | 12 V | 77 | 85 | 95 | DT | 260mm | 169mm | 237mm | 23kg |
| S12-116AGM-RE | 12 V | 95 | 105 | 116 | DT | 307mm | 169mm | 237mm | 30kg |
| S12-128AGM-RE | 12 V | 104 | 115 | 128 | DT | 328mm | 175mm | 237mm | 32kg |
| S12-160AGM-RE | 12 V | 126 | 145 | 160 | DT | 341mm | 172mm | 309mm | 44kg |
| S12-230AGM-RE | 12 V | 189 | 210 | 230 | LT | 530mm | 209mm | 239mm | 61.5kg |
| S12-240AGM-RE | 12 V | 193 | 215 | 240 | DT | 381mm | 178mm | 371mm | 63.5kg |
| S12-290AGM-RE | 12 V | 234 | 260 | 290 | LT | 521mm | 269mm | 245mm | 74kg |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.









S2-1275AGM

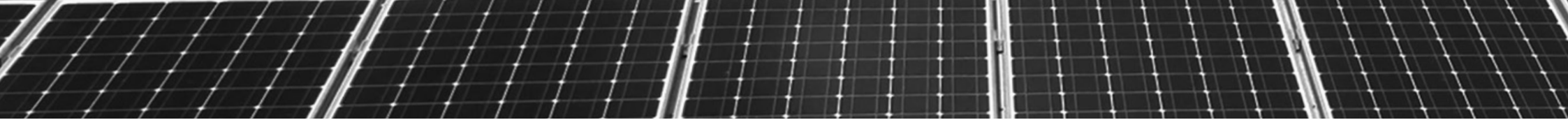
AGM - S FEATURES

- Sealed construction
- New high-density active paste
- Heavy duty thick plates
- ABS case and cover
- Superior corrosion resistance
- Maintenance free, spill-proof/leak-proof
- Self regulating pressure release valves
- Low self discharge rate, only 3%/month
- 3 year warranty
- Faster recharging time

ROLLS AGM TERMINAL CONFIGURATIONS

| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Post Terminal | DT (Dual Terminal) | LT (Lug Terminal) | M8 (Stud) | M8 | TP08 (Brass Post) |

Terminal Connections for AGM Series 5 & AGM Series 2 models.



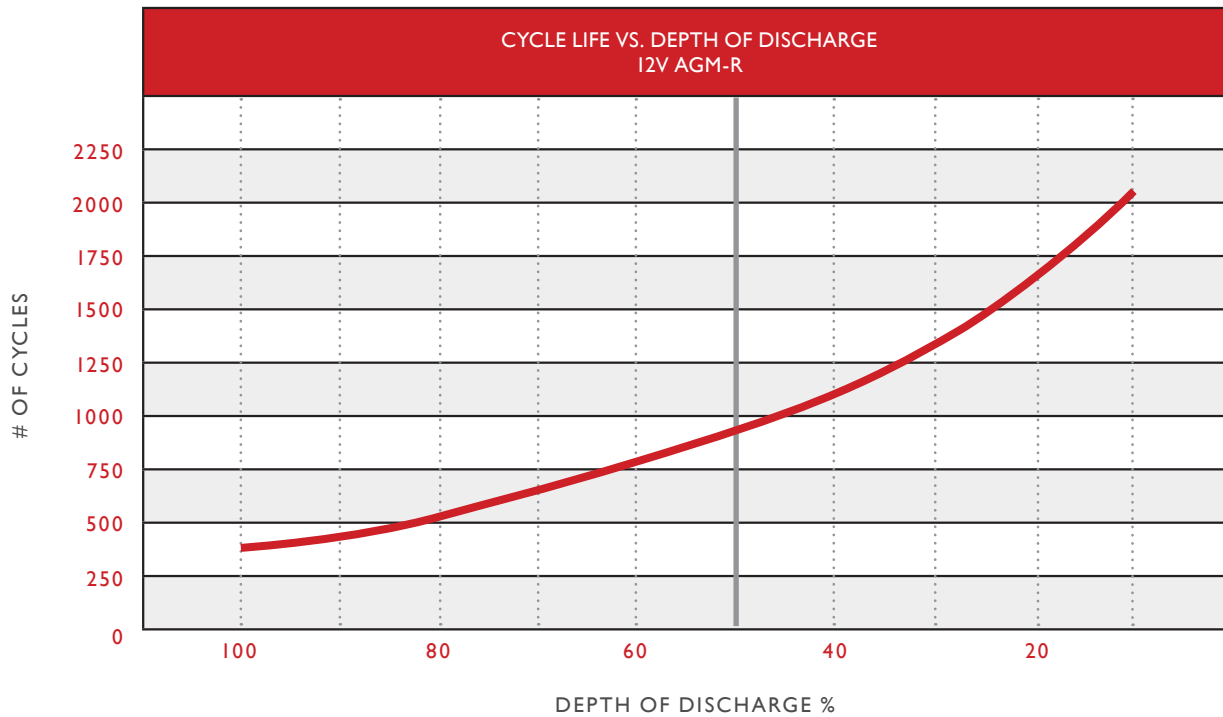
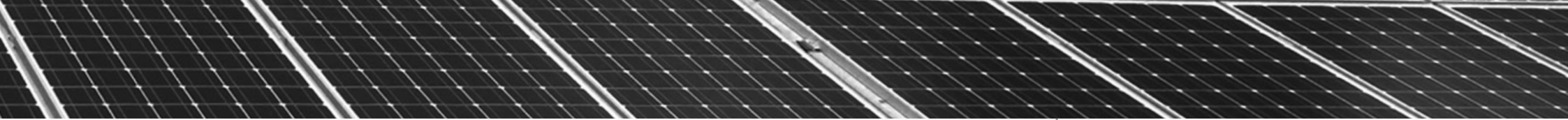
AGM - R

This range of dual purpose sealed maintenance-free 12 volt AGM batteries offering outstanding value and performance. The AGM-R line offers a lower self-discharge and an increased acceptance to charge current than conventional flooded wet batteries, allowing faster recharge. Incorporating all of the leading design features associated with Absorbed Glass Mat technology, the AGM-R line provides the perfect solution when looking to replace wet batteries or upgrade existing sealed batteries.

| MODEL | VOLTAGE | 10 HR RATE | 20 HR RATE | 100 HR RATE | TERMINAL TYPE | LENGTH MM | WIDTH MM | HEIGHT MM | WEIGHT KG |
|-------------------------------------|---------|------------|------------|-------------|---------------|-----------|----------|-----------|-----------|
| ROLLS BATTERY AGM-R: 12 VOLT | | | | | | | | | |
| R12-80AGM | 12 V | 68 | 80 | 90 | DT | 260mm | 169mm | 237mm | 23kg |
| R12-100AGM | 12 V | 86 | 100 | 110 | DT | 306mm | 169mm | 237mm | 27kg |
| R12-110AGM | 12 V | 90 | 110 | 120 | DT | 328mm | 172mm | 220mm | 30kg |
| R12-200AGM | 12 V | 162 | 200 | 220 | F8 | 522mm | 240mm | 224mm | 60kg |
| R12-260AGM | 12 V | 200 | 260 | 290 | F8 | 522mm | 268mm | 224mm | 73kg |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.





*Cycle life may vary by application and is affected by frequency of cycling, operating temperature, depth of discharge (%DOD), adherence to manufacturer-recommended charging parameters and proper maintenance.



R12-100AGM

AGM-R FEATURES

- Maintenance-free sealed construction
- Low internal resistance allowing faster recharge
- Shock and vibration-resistance ABS case
- 850 cycles at 50% DOD*
- 1 year warranty
- Standard dimensions for easy retro-fit

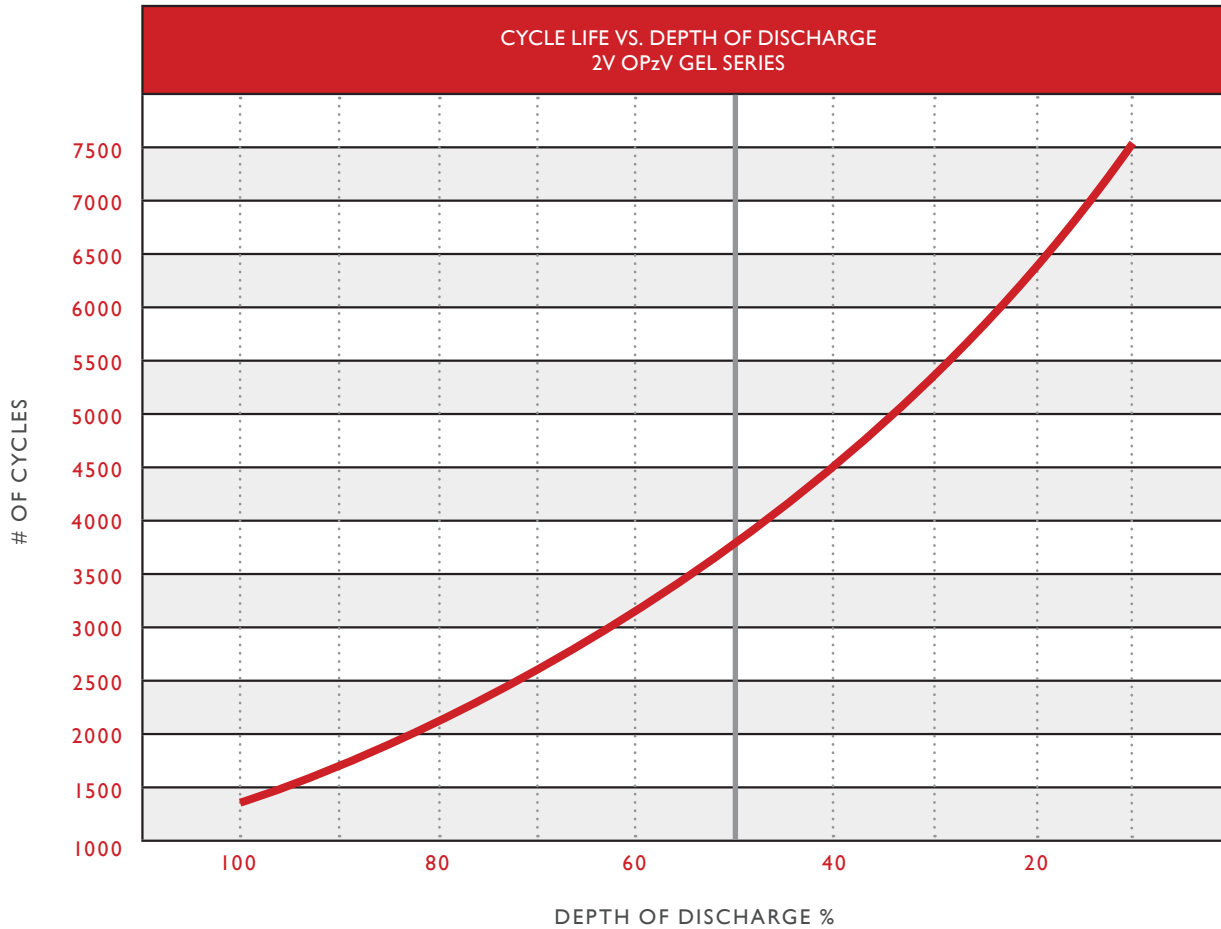
GEL SERIES

Rolls GEL OPzV range offers an immobilized GEL and Tubular plate technology, providing high reliability and performance. Each is designed and manufactured according to DIN standards, constructed with die-casting positive grid and a patent formula of active material. Rolls GEL OPzV 2 volt models offers high cyclic use even under extreme operating conditions and more than 20 years floating design life at 25°C / 77°F.

| MODEL | 10 HR RATE | 20 HR RATE | 100 HR RATE | TERMINAL TYPE | LENGTH MM | WIDTH MM | HEIGHT (INCL. TERMINAL) MM | WEIGHT KG |
|----------------------------------|------------|------------|-------------|-------------------------|-----------|----------|----------------------------|-----------|
| ROLLS BATTERY GEL: 2 VOLT | | | | | | | | |
| S2-224GEL | 224 | 252 | 301 | 2 x Threaded Female M10 | 103mm | 206mm | 382mm | 18.5kg |
| S2-280GEL | 280 | 315 | 376 | 2 x Threaded Female M10 | 124mm | 206mm | 382mm | 22kg |
| S2-336GEL | 336 | 378 | 452 | 2 x Threaded Female M10 | 145mm | 206mm | 382mm | 26.5kg |
| S2-405GEL | 405 | 459 | 556 | 2 x Threaded Female M10 | 124mm | 206mm | 498mm | 30kg |
| S2-486GEL | 486 | 551 | 668 | 2 x Threaded Female M10 | 145mm | 206mm | 498mm | 35kg |
| S2-567GEL | 567 | 643 | 782 | 2 x Threaded Female M10 | 166mm | 206mm | 498mm | 41kg |
| S2-690GEL | 690 | 785 | 968 | 2 x Threaded Female M10 | 145mm | 206mm | 673mm | 48kg |
| S2-920GEL | 920 | 1046 | 1287 | 4 x Threaded Female M10 | 191mm | 210mm | 673mm | 65.5kg |
| S2-1150GEL | 1150 | 1308 | 1610 | 4 x Threaded Female M10 | 233mm | 210mm | 673mm | 80kg |
| S2-1380GEL | 1380 | 1571 | 1938 | 4 x Threaded Female M10 | 275mm | 210mm | 824mm | 95kg |
| S2-1620GEL | 1620 | 1828 | 2197 | 4 x Threaded Female M10 | 275mm | 210mm | 824mm | 110kg |
| S2-2160GEL | 2160 | 2437 | 2927 | 6 x Threaded Female M10 | 399mm | 214mm | 799mm | 156kg |
| S2-2700GEL | 2700 | 3044 | 3655 | 8 x Threaded Female M10 | 487mm | 212mm | 799mm | 195kg |
| S2-3240GEL | 3240 | 3660 | 4402 | 8 x Threaded Female M10 | 576mm | 212mm | 799mm | 231kg |
| S2-3458GEL | 3458 | 3936 | 4730 | 8 x Threaded Female M10 | 576mm | 212mm | 799mm | 241.5kg |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

*Rolls OPzV GEL models must be installed vertically unless otherwise specified. Models compatible with horizontal installation are available upon request. Please contact your Rolls Battery distributor or dealer for more information.

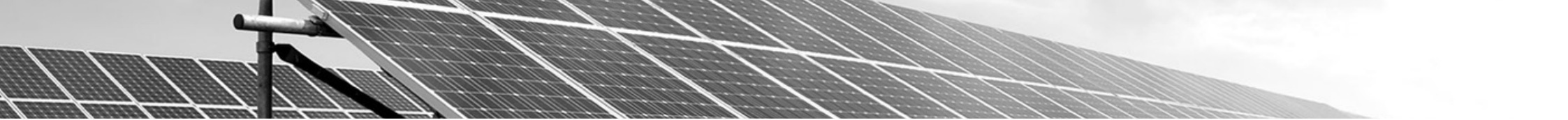


S2-450GEL

GEL FEATURES

- Sealed maintenance-free construction
- Tubular plate technology for high cyclic use and float applications
- Durable ABS case
- Low self-discharge (less than 2% per month)
- Vertical or horizontal* mounting / installation
- 3 year warranty
- Wide range of capacities & standard sizes

* models compatible with horizontal installation are available by request. Contact your distributor or dealer for product information.



INDUSTRY LEADING WARRANTY

Rolls deep cycle battery lines are backed with comprehensive, non-transferable warranties that lead the industry in length of coverage against manufacture defect. We're confident that our batteries will perform time after time, year after year. However, should a problem arise, you may be assured that you're covered better than any other battery warranty in the business.

| WARRANTY TERMS | | | |
|------------------|--------------------|---------------------|---------------------|
| BATTERY CATEGORY | SERIES | WARRANTY PERIOD | |
| RENEWABLE ENERGY | 4000 | 36 MONTHS 3 YEARS | |
| | 4500 | 48 MONTHS 4 YEARS | |
| | 5000 | 60 MONTHS 5 YEARS | |
| LFP | R-SERIES | 36 MONTHS 3 YEARS | |
| AGM | AGM-S | RENEWABLE ENERGY | 36 MONTHS 3 YEARS |
| | | MARINE & RV | 24 MONTHS 2 YEARS |
| | | OTHER APPLICATIONS | 12 MONTHS 1 YEAR |
| | AGM-R | 12 MONTHS 1 YEAR | |
| GEL | RE/MARINE STANDBY | 36 MONTHS 3 YEARS | |
| | OTHER APPLICATIONS | 12 MONTHS 1 YEAR | |

For full warranty terms & conditions, visit www.rolls-battery.com



USED IN SYSTEMS AROUND THE WORLD

Manufactured in Springhill, Nova Scotia, Canada since 1959, Rolls deep cycle batteries are sold via distribution around the world. Manufactured for use in wide range of markets, Rolls batteries are chosen to provide dependable power in a wide range of Renewable Energy applications. From residential off-grid, grid-tied or backup power installs to large-scale applications such as diesel generator replacement in developing countries and island mini-grid systems such as those installed at the Scottish isles of Eigg, Muck, and Rum, as well as the Shetland island of Foula.

- Mini-grid systems Isle of Eigg, Muck & Rum, Scotland
- Shetland Isle of Foula, Scotland
- Sioma High School – Western Zambia
- Aloe D'Agafay Ecology Retreat, Marrakesh, Morocco



R12-300LFP



S2-1275



S2-1070GEL



2 YS 62P



Rakia



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BATTERY ENGINEERING

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