



KRONOS BATTERIES

SMART ENERGY STORAGE



PRODUCT CATALOGUE
kronosbatteries.com



KRONOS BATTERIES

SMART ENERGY STORAGE

COMPANY PROFILE

Kronos Batteries was founded in 2001, and since then we have become a worldwide battery specialist. We offer an extensive range of batteries and battery-related products, such as chargers and accessories, which offers a solution for virtually every application.

Our batteries are roughly divided into three groups: automotive batteries, motorcycle batteries and VRLA batteries.

Our customers are manufacturers, importers, wholesalers, wholesale organizations and chain stores, which we serve from our central warehouse in Dubai Free Zone and office in Dubai Business Bay.

Currently, Kronos Batteries is successfully doing business in 30 countries. Our enthusiastic, professional team is always ready to provide excellent service.

Our Mission

We aim to strengthen our position both in Europe and globally and gain international recognition as a trusted and quality brand to generate value for customers, business partners, shareholders and society by producing Lead-Acid batteries, the batteries of today, and Lithium-Ion batteries, the batteries of the future.

VALUES

1. Customer focus – „We do what it takes for customers!“ Our products must be based on customer needs and the application of these requirements must exceed their expectations.
2. Employees – we invest in human resources, ensuring a attractive, healthy and safe working climate. We also develop people and teams that pursue our mission, vision, values and goals and objectives. Last but not least, we train and develop leaders who will understand the business.
3. Integrity – we promote relationships based on integrity, both within Kronos Batteries team and with our partners. Honesty and moral values are essential to building a strong and trustworthy organisation.
4. Environmental protection – our environmental objectives are more demanding than legal requirements, the entire team is dedicated to continuous improvement. By implementing our environmental management, we assure the local community that environmental issues are under control.

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | | NOTES |
|----------|----|------|-----|--------|-----------|------------|-------|--------|-----|--------|----------|---------------------|----------|------------|--|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | | |
| S44L1B | 44 | 360 | 1 | 0 | B13 | 207 | 175 | 175 | ✓ | ✓ | L1B | 120 | | | | |
| S44L1B-R | 44 | 360 | 1 | 1 | B13 | 207 | 175 | 175 | ✓ | ✓ | L1B | 120 | | | | |
| S44L1 | 44 | 360 | 1 | 0 | B13 | 207 | 175 | 190 | ✓ | ✓ | L1 | 120 | | | | |
| S44L1-R | 44 | 360 | 1 | 1 | B13 | 207 | 175 | 190 | ✓ | ✓ | L1 | 120 | | | | |
| S45L2B | 45 | 380 | 1 | 0 | B14 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S45L2B-R | 45 | 380 | 1 | 1 | B14 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S50L1 | 50 | 400 | 1 | 0 | B13 | 207 | 175 | 190 | ✓ | ✓ | L1 | 120 | | | | |
| S50L1-R | 50 | 400 | 1 | 1 | B13 | 207 | 175 | 190 | ✓ | ✓ | L1 | 120 | | | | |
| S50L1B | 50 | 400 | 1 | 0 | B13 | 207 | 175 | 175 | ✓ | ✓ | L1B | 120 | | | | |
| S50L1B-R | 50 | 400 | 1 | 1 | B13 | 207 | 175 | 175 | ✓ | ✓ | L1B | 120 | | | | |
| S50L2 | 50 | 420 | 1 | 0 | B13 | 242 | 175 | 190 | ✓ | ✓ | L2 | 100 | | | | |
| S50L2-R | 50 | 420 | 1 | 1 | B13 | 242 | 175 | 190 | ✓ | ✓ | L2 | 100 | | | | |
| S50L2B | 50 | 420 | 1 | 0 | B14 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S50L2B-R | 50 | 420 | 1 | 1 | B14 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S55L2 | 55 | 480 | 1 | 0 | B13 | 242 | 175 | 190 | ✓ | ✓ | L2 | 100 | | | | |
| S55L2-R | 55 | 480 | 1 | 1 | B13 | 242 | 175 | 190 | ✓ | ✓ | L2 | 100 | | | | |

SMF SERIES

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | | NOTES |
|----------|----|------|-----|--------|-----------|------------|-------|--------|-----|--------|----------|---------------------|----------|------------|--|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | | |
| S55L2B | 55 | 480 | 1 | 0 | B13 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S55L2B-R | 55 | 480 | 1 | 1 | B13 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S60L2 | 60 | 510 | 1 | 0 | B13 | 242 | 175 | 190 | ✓ | ✓ | L2 | 100 | | | | |
| S60L2-R | 60 | 510 | 1 | 1 | B13 | 242 | 175 | 190 | ✓ | ✓ | L2 | 100 | | | | |
| S60L2B | 60 | 510 | 1 | 0 | B13 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S60L2B-R | 60 | 510 | 1 | 1 | B13 | 242 | 175 | 175 | ✓ | ✓ | L2B | 100 | | | | |
| S66L3 | 66 | 540 | 1 | 0 | B13 | 278 | 175 | 190 | ✓ | ✓ | L3 | 80 | | | | |
| S66L3-R | 66 | 540 | 1 | 1 | B14 | 278 | 175 | 190 | ✓ | ✓ | L3 | 80 | | | | |
| S66L3B | 66 | 540 | 1 | 0 | B14 | 278 | 175 | 175 | ✓ | ✓ | L3B | 80 | | | | |
| S66L3B-R | 66 | 540 | 1 | 1 | B14 | 278 | 175 | 175 | ✓ | ✓ | L3B | 80 | | | | |
| S72L3 | 72 | 580 | 1 | 0 | B14 | 278 | 175 | 190 | ✓ | ✓ | L3 | 80 | | | | TAXI |
| S72L3-R | 72 | 580 | 1 | 1 | B14 | 278 | 175 | 190 | ✓ | ✓ | L3 | 80 | | | | |
| S75L3B | 75 | 600 | 1 | 0 | B14 | 278 | 175 | 175 | ✓ | ✓ | L3B | 80 | | | | |
| S75L3B-R | 75 | 600 | 1 | 1 | B14 | 278 | 175 | 175 | ✓ | ✓ | L3B | 80 | | | | |
| S75L3 | 75 | 600 | 1 | 0 | B13 | 278 | 175 | 190 | ✓ | ✓ | L3 | 80 | | | | |
| S75L3-R | 75 | 600 | 1 | 1 | B13 | 278 | 175 | 190 | ✓ | ✓ | L3 | 80 | | | | |

SMF SERIES

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | NOTES |
|-----------|-----|------|-----|--------|-----------|------------|-------|--------|-----|--------|----------|---------------------|----------|------------|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | |
| S88L5 | 88 | 720 | 1 | 0 | B13 | 353 | 175 | 190 | ✓ | ✓ | L5 | 80 | | | |
| S88L5-R | 88 | 720 | 1 | 1 | B13 | 353 | 175 | 190 | ✓ | ✓ | L5 | 80 | | | |
| S88L5B | 88 | 720 | 1 | 0 | B13 | 353 | 175 | 175 | ✓ | ✓ | L5B | 80 | | | |
| S88L5B-R | 88 | 720 | 1 | 1 | B13 | 353 | 175 | 175 | ✓ | ✓ | L5B | 80 | | | |
| S100L5 | 100 | 760 | 1 | 0 | B13 | 353 | 175 | 190 | ✓ | ✓ | L5 | 80 | | | |
| S100L5-R | 100 | 760 | 1 | 1 | B13 | 353 | 175 | 190 | ✓ | ✓ | L5 | 80 | | | |
| S100L5B | 100 | 760 | 1 | 0 | B13 | 353 | 175 | 175 | ✓ | ✓ | L5B | 80 | | | |
| S100L5B-R | 100 | 760 | 1 | 1 | B13 | 353 | 175 | 175 | ✓ | ✓ | L5B | 80 | | | |

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | NOTES |
|------------|----|------|-----|--------|-----------|------------|-------|--------|-----|--------|----------|---------------------|----------|------------|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | |
| J35NS40 | 35 | 300 | 1 | 0 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J35NS40-R | 35 | 300 | 1 | 1 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J35NS40-3 | 35 | 300 | 3 | 0 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J35NS40-R3 | 35 | 300 | 3 | 1 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J42NS40 | 42 | 330 | 1 | 0 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J42NS40-R | 42 | 330 | 1 | 1 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J42NS40-3 | 42 | 330 | 3 | 0 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J42NS40-R3 | 42 | 330 | 3 | 1 | B0 | 196 | 125 | 225 | ✓ | ✓ | NS40 | 144 | | | |
| J45NS60-3 | 45 | 360 | 3 | 0 | B0 | 237 | 127 | 225 | ✓ | ✓ | NS60 | 120 | | | |
| J45NS60-R3 | 45 | 360 | 3 | 1 | B0 | 237 | 127 | 225 | ✓ | ✓ | NS60 | 120 | | | |
| J45NS60 | 45 | 360 | 1 | 0 | B0 | 237 | 127 | 225 | ✓ | ✓ | NS60 | 120 | | | |
| J45NS60-R | 45 | 360 | 1 | 1 | B0 | 237 | 127 | 225 | ✓ | ✓ | NS60 | 120 | | | |
| J50D20 | 50 | 400 | 1 | 0 | B1 | 200 | 170 | 225 | ✓ | ✓ | D20 | 96 | | | |
| J50D20-R | 50 | 400 | 1 | 1 | B1 | 200 | 170 | 225 | ✓ | ✓ | D20 | 96 | | | |
| J50D23 | 50 | 420 | 1 | 0 | B1 | 230 | 170 | 225 | ✓ | ✓ | D23 | 96 | | | |
| J50D23-R | 50 | 420 | 1 | 1 | B1 | 230 | 170 | 225 | ✓ | ✓ | D23 | 96 | | | |
| J55D23 | 55 | 440 | 1 | 0 | B1 | 230 | 170 | 225 | ✓ | ✓ | D23 | 96 | | | |
| J55D23-R | 55 | 440 | 1 | 1 | B1 | 230 | 170 | 225 | ✓ | ✓ | D23 | 96 | | | |

JAPAN TYPE SERIES

KROCELL
BATTERY

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | NOTES |
|-----------|----|------|-----|--------|-----------|------------|-------|--------|-----|--------|----------|---------------------|----------|------------|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | |
| J60D23 | 60 | 480 | 1 | 0 | B1 | 230 | 170 | 225 | ✓ | ✓ | D23 | 96 | | | |
| J60D23-R | 60 | 480 | 1 | 1 | B1 | 230 | 170 | 225 | ✓ | ✓ | D23 | 96 | | | |
| J60NS60 | 60 | 480 | 1 | 0 | B0 | 237 | 127 | 225 | ✓ | ✓ | NS60 | 120 | | | |
| J60NS60-R | 60 | 480 | 1 | 1 | B0 | 237 | 127 | 225 | ✓ | ✓ | NS60 | 120 | | | |
| J60D26 | 60 | 500 | 1 | 0 | B1 | 260 | 175 | 225 | ✓ | ✓ | D26 | 80 | | | |
| J60D26-R | 60 | 500 | 1 | 1 | B1 | 260 | 175 | 225 | ✓ | ✓ | D26 | 80 | | | |
| J70D26 | 70 | 540 | 1 | 0 | B1 | 260 | 175 | 225 | ✓ | ✓ | D26 | 80 | | | |
| J70D26-R | 70 | 540 | 1 | 1 | B1 | 260 | 175 | 225 | ✓ | ✓ | D26 | 80 | | | |
| J80D31 | 80 | 660 | 1 | 0 | B1 | 305 | 175 | 225 | ✓ | ✓ | D31 | 60 | | | |
| J80D31-R | 80 | 660 | 1 | 1 | B1 | 305 | 175 | 225 | ✓ | ✓ | D31 | 60 | | | |
| J90D31 | 90 | 740 | 1 | 0 | B1 | 305 | 175 | 225 | ✓ | ✓ | D31 | 60 | | | |
| J90D31-R | 90 | 740 | 1 | 1 | B1 | 305 | 175 | 225 | ✓ | ✓ | D31 | 60 | | | |

TRUCK SERIES

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | | NOTES |
|----------|-----|------|-----|--------|-----------|------------|-------|--------|----------|--------|----------|---------------------|----------|------------|-----|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | | |
| HD90H3 | 90 | 740 | 1 | 1 | B3 | 324 | 175 | 226 | OPTIONAL | ✓ | H3 | 60 | | | | |
| HD90H3-R | 90 | 740 | 1 | 0 | B3 | 324 | 175 | 226 | OPTIONAL | ✓ | H3 | 60 | | | | |
| HD100D7 | 100 | 680 | 1 | 2 | B0 | 286 | 270 | 230 | OPTIONAL | ✓ | D7 | 24 | | | | |
| HD105H4 | 105 | 820 | 1 | 0 | B3 | 346 | 175 | 228 | OPTIONAL | ✓ | H4 | 60 | | | | |
| HD105D2 | 105 | 840 | 1 | 0 | B1 | 356 | 173 | 235 | OPTIONAL | ✓ | D2 | 60 | | | | |
| HD110D2 | 110 | 860 | 1 | 0 | B1 | 356 | 173 | 235 | OPTIONAL | ✓ | D2 | 60 | | | | |
| HD120A | 120 | 920 | 1 | 3 | B3 | 513 | 189 | 223 | OPTIONAL | ✓ | A | 36 | | | | |
| HD120D1 | 120 | 920 | 1 | 3 | B3 | 512 | 176 | 233 | OPTIONAL | ✓ | 12D1 | 36 | | | | |
| HD120SMF | 120 | 950 | 1 | 3 | B3 | 513 | 189 | 223 | OPTIONAL | ✓ | A | 36 | | | SMF | |
| HD125D7 | 125 | 800 | 1 | 2 | B0 | 286 | 270 | 230 | OPTIONAL | ✓ | D7 | 24 | | | | |
| HD128D3 | 128 | 800 | 1 | 0 | B1 | 356 | 175 | 280 | OPTIONAL | ✓ | D3 | 36 | | | | |

TRUCK SERIES

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | | NOTES |
|----------|-----|------|-----|--------|-----------|------------|-------|--------|----------|--------|----------|---------------------|----------|------------|-----|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | | |
| HD135A | 135 | 950 | 1 | 3 | B3 | 513 | 189 | 223 | OPTIONAL | ✓ | A | 36 | | | | |
| HD135D1 | 135 | 950 | 1 | 3 | B3 | 512 | 176 | 233 | OPTIONAL | ✓ | 12D1 | 36 | | | | |
| HD135SMF | 135 | 950 | 1 | 3 | B3 | 513 | 189 | 223 | OPTIONAL | ✓ | A | 36 | | | SMF | |
| HD150B | 150 | 1100 | 1 | 3 | 03 | 510 | 218 | 235 | OPTIONAL | ✓ | B | 30 | | | | |
| HD150SMF | 150 | 1100 | 1 | 3 | B3 | 510 | 218 | 235 | OPTIONAL | ✓ | B | 30 | | | SMF | |
| HD150D5 | 150 | 1100 | 1 | 3 | B3 | 502 | 220 | 223 | OPTIONAL | ✓ | D5 | 30 | | | | |
| HD165B | 165 | 1150 | 1 | 3 | B3 | 510 | 218 | 235 | OPTIONAL | ✓ | B | 30 | | | | |
| HD180B | 180 | 1200 | 1 | 3 | B3 | 510 | 218 | 235 | OPTIONAL | ✓ | B | 30 | | | | |
| HD180D5 | 180 | 1200 | 1 | 3 | B3 | 502 | 220 | 223 | OPTIONAL | ✓ | D5 | 30 | | | | |

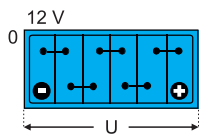
TRUCK SERIES

| CODE | AH | A EN | TRM | LAYOUT | HOLD DOWN | DIMENSIONS | | | IND | HANDLE | BOX TYPE | QUANTITY PER PALLET | TOP VIEW | SIDE VIEWS | NOTES |
|----------|-----|------|-----|--------|-----------|------------|-------|--------|----------|--------|----------|---------------------|----------|------------|-------|
| | | | | | | LENGHT | WIDTH | HEIGHT | | | | | | | |
| HD180SMF | 180 | 1200 | 1 | 3 | B3 | 510 | 218 | 235 | OPTIONAL | ✓ | B | 30 | | | SMF |
| HD190B | 190 | 1250 | 1 | 3 | B3 | 510 | 218 | 235 | OPTIONAL | ✓ | B | 30 | | | |
| HD190C | 190 | 1270 | 1 | 3 | B3 | 518 | 276 | 245 | OPTIONAL | ✓ | C | 30 | | | |
| HD200SMF | 200 | 1300 | 1 | 3 | B3 | 518 | 276 | 245 | OPTIONAL | ✓ | C | 24 | | | SMF |
| HD200C | 200 | 1300 | 1 | 3 | B0 | 518 | 276 | 245 | OPTIONAL | ✓ | C | 24 | | | |
| HD210C | 210 | 1350 | 1 | 3 | B0 | 518 | 276 | 245 | OPTIONAL | ✓ | C | 24 | | | |
| HD225C | 225 | 1450 | 1 | 3 | B0 | 518 | 276 | 245 | OPTIONAL | ✓ | C | 24 | | | |
| MAC110 | 110 | 760 | 1 | 3 | B3 | 514 | 175 | 210 | OPTIONAL | ✓ | MAC110 | 36 | | | MAC |
| MAC135 | 135 | 800 | 1 | 3 | B3 | 514 | 175 | 210 | OPTIONAL | ✓ | MAC110 | 36 | | | |
| MAC143 | 143 | 860 | 1 | 3 | B3 | 514 | 218 | 210 | OPTIONAL | ✓ | MAC143 | 30 | | | MAC |
| MAC200 | 200 | 1200 | 1 | 3 | B3 | 518 | 276 | 245 | OPTIONAL | ✓ | MAC200 | 24 | | | MAC |
| MAC225 | 225 | 1300 | 1 | 3 | B3 | 518 | 276 | 245 | OPTIONAL | ✓ | MAC200 | 24 | | | |

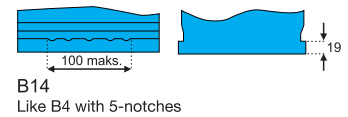
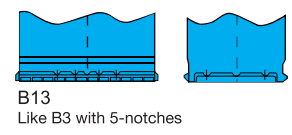
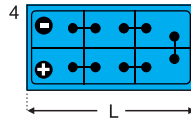
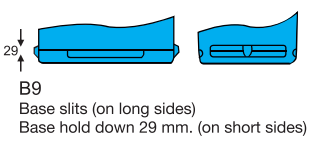
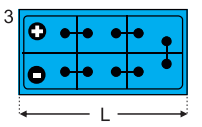
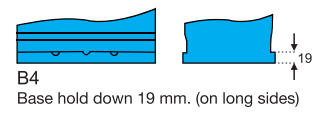
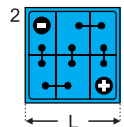
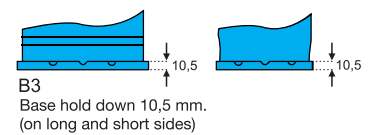
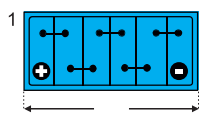
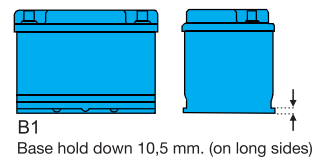
TECHNICAL DATA

TECHNICAL DATA

Layout

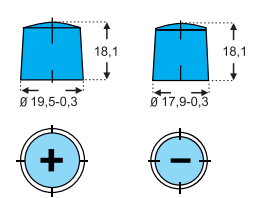


Base hold down

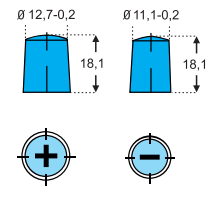


Terminal

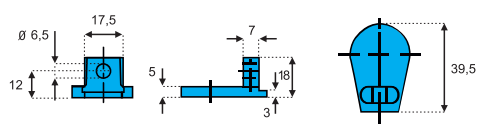
1 Tapered terminal to DIN 72311 T.4



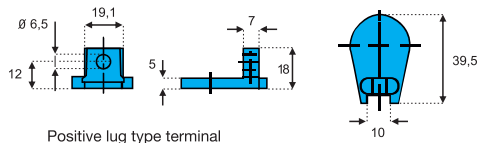
3 Small dia. Tapered terminal (Japanese)



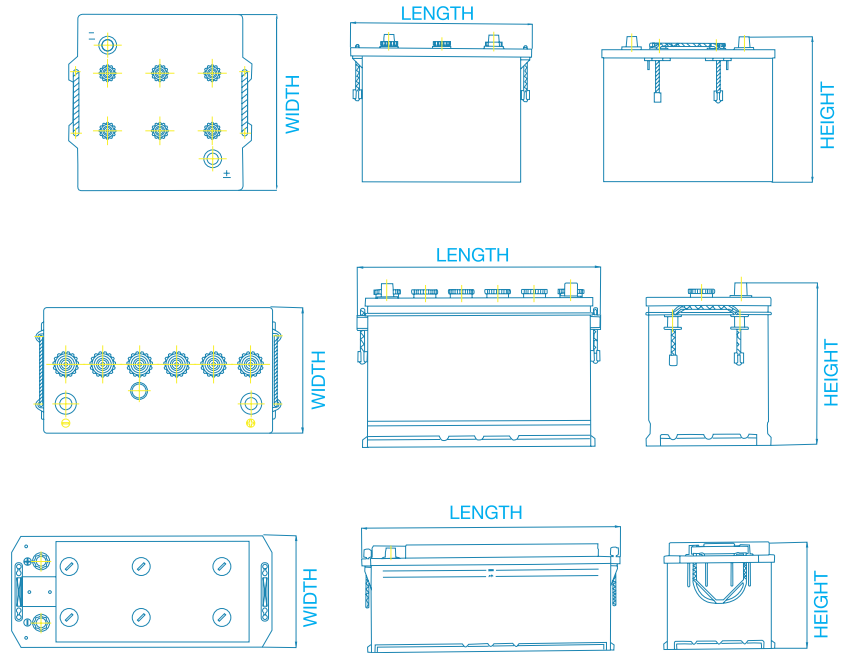
19 Ford Lug type terminal



Negative lug type terminal



Positive lug type terminal



OPTIONAL CHARACTERISTICS

- HD - Heavy Duty
- SHD - Super HD (level 3 = Vibration to EN)
- Rf - Vibration proof
- Srf - Super vibration proof

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