

Going further.

rombat.ro

+ROMBAT



PRODUCT CATALOGUE
2025

We energize a sustainable future.



ROMBAT, with 45 years of experience in the Romanian market, is a national leader in the production of batteries for vehicles, cars, and machinery, boasting an impressive portfolio of millions of batteries sold in over 40 countries across four continents. This remarkable success has been made possible through significant investments, of over 20 million euros, in the last decade, which have allowed the company to solidify its position as a global player, offering top-quality products made with state-of-the-art technologies and equipment.

The new investments, totaling over 10 million euros, focus on the development of a production line for Heavy Duty batteries with EFB technology for heavy-duty vehicles and AGM (Absorbent Glass Mat) batteries for cars equipped with start-stop systems. These initiatives highlight ROMBAT's commitment to staying at the forefront of technological innovation, in line with the increasingly demanding requirements of the market.

Strategic partnerships with renowned brands such as Dacia, Renault, and Ford, spanning over 26 years, have been fundamental to the company's continued success. These collaborations have involved constant investments in modernization, research, development, and innovation, contributing to meeting the highest quality standards and implementing cutting-edge technological solutions.

ROMBAT also takes its social responsibility seriously and is actively involved in environmental protection. Investments in the Rebat Collection Center in Copșa Mică, where over 1 million used batteries are processed annually, demonstrate the company's commitment to sustainability. In this way, ROMBAT contributes to protecting the environment and reintegrating the raw materials obtained from battery recycling into the economic circuit.

The continued success of ROMBAT is also due to its efficient distribution network, which allows for the rapid delivery of its products across the country and to many parts of the world, meeting the needs of the most demanding customers. These achievements are a testament to ROMBAT's commitment to excellence and continuous innovation in the global battery market.



The METAIR Investments Limited Group, with over 30 years of presence in the distribution of products and services in the automotive industry, and over 10 years of activity in Romania as the majority shareholder of ROMBAT, ranks third in the battery market across the Europe, Middle East, and Africa regions. It is a global leader in its field, engaged in a constant mission to add value to all its partners and deliver superior products to end customers.

METAIR's vision is centered on innovation and excellence, aiming to develop competitive technologies that meet the most demanding requirements of the international market. Among METAIR's renowned clients are major automotive companies such as Daimler Chrysler, General Motors, Nissan, Toyota, Volkswagen, BMW, MAN, Renault, and Dacia, highlighting the trust the company enjoys among the biggest players in the industry.

METAIR stands out as one of the few battery manufacturers offering Start/Stop technology, reaffirming its commitment to strengthening its leadership position in the development and implementation of innovative and competitive technological solutions on a global scale.



AUTO Batteries

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- 06 CHAMPION^{EFB}
- 07 TORNADA^{ASIA EFB}
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Going further.

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AUTO Batteries

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AUTO Batteries
START-STOP



AGM VRLA

AGM (Absorbent Glass Mat) for advanced vehicles with Start/Stop system and regenerative braking

APPLICATIONS: for vehicles with advanced Start/Stop technology, i.e., regenerative braking and other technologies for fuel saving

- Innovative AGM VRLA technology with Absorbent Glass Mat separator
- Punched total frame positive and negative PbCa technology grids
- 3-4 times more cycle life compared to conventional batteries
- High charging acceptance for absorbing large surges of electrical energy generated via regenerative braking
- 100% leak-proof and spill-proof to 360°
- Totally maintenance-free batteries
- High cold cranking amps, even in low temperature environments
- VRLA – pressure valve regulated lead acid batteries
- Long lifespan

MAINTENANCE FREE

LEAKAGE FREE

EQUIPMENT LEVEL

EXTREME USAGE

START STOP

EV TECHNOLOGY

REGENERATIVE BRAKING

* Available also in black | ** Available only in black

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
AGM60*	L2	12V 60Ah	680	B13	3/60	L: 242 W: 175 H: 190	
AGM70*	L3	12V 70Ah	760	B13	3/48	L: 278 W: 175 H: 190	
AGM80*	L4	12V 80Ah	800	B13	3/42	L: 315 W: 175 H: 190	
AGM95*	L5	12V 95Ah	850	B13	3/36	L: 353 W: 175 H: 190	
AGM105**	L6	12V 105Ah	950	B13	3/36	L: 393 W: 175 H: 190	

AUTO Batteries
START-STOP



MAINTENANCE FREE

LEAKAGE FREE

EQUIPMENT LEVEL

EXTREME USAGE

START STOP

EFB

EFB (Enhanced Flooded Batteries) for conventional vehicles with Start/Stop system

APPLICATIONS: standard Start/Stop vehicles with high energy consumption (e.g., taxi)

- PbCa alloy expanded positive grids / ConCast negative grids (Continuous Casting technology)
- 2 times more cycle life compared to conventional batteries
- Totally maintenance-free batteries
- Batteries with extended cycle life designed for vehicles with high energy demands.
- Designed for vehicles with advanced Start/Stop applications
- Higher charge acceptance for faster energy recovery while traveling

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
F260	L2	12V 60Ah	640	B13	3/60	L: 242 W: 175 H: 190	
FB365	LB3	12V 65Ah	680	B13	3/48	L: 278 W: 175 H: 175	
F370	L3	12V 70Ah	760	B13	3/48	L: 278 W: 175 H: 190	
FB475	LB4	12V 75Ah	760	B13	3/42	L: 315 W: 175 H: 175	
F480	L4	12V 80Ah	800	B13	3/42	L: 315 W: 175 H: 190	
F595	L5	12V 95Ah	850	B13	3/36	L: 353 W: 175 H: 190	

AUTO Batteries
START-STOP



OEM
SUPPLIER



START STOP



MAINTENANCE
FREE



LEAKAGE
FREE



EQUIPMENT
LEVEL



EXTREME
USAGE

CHAMPION EFB

EFB (Enhanced Flooded Batteries) for
conventional vehicles with Start/Stop system

APPLICATIONS: vehicles with additional
electrical consumers and vehicles using the
Start/Stop system

Capacities and starting currents higher than average batteries
of the same dimensions

Usage both on classic cars and on cars with the Start/Stop
system

Meets the OEM standard (battery used for a first installation)

Built for harsh operating conditions (including in taxi mode)

Designed for over 80,000 starts*

**number of starts in optimal vehicle operating conditons*

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
FC264	L2	12V 64Ah	650	B13	3/60	L: 242 W: 175 H: 190	
FC270	L2	12V 70Ah	680	B13	3/60	L: 242 W: 175 H: 190	
FC380	L3	12V 80Ah	780	B13	3/48	L: 278 W: 175 H: 190	

AUTO Batteries
START-STOP ASIA



START STOP



MAINTENANCE
FREE



LEAKAGE
FREE



EQUIPMENT
LEVEL



EXTREME
USAGE

TORNADA ASIA EFB

EFB (Enhanced Flooded Batteries) for
conventional vehicles with Start/Stop system

APPLICATIONS: vehicles with Start/Stop
system and all conventional vehicles

EFB technology (Enhanced Flooded Battery)

The latest technology for primary equipment of standard Start/
Stop vehicles

It supports twice as many cycles than all conventional batteries

High load capacity for faster energy recovery while on the move

Expanded grids of PbCa alloy

Tilting resistance up to 55°

It can sustain a large number of cycles

High operating time

No maintenance

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
TAF65	D23	12V 65Ah	620	B00	3/30	L: 230 W: 172 H: 222	
TAF70	D26/M10	12V 70Ah	720	B00	3/48	L: 260 W: 175 H: 222	
TAF85	D31/M11	12V 85Ah	820	B00	3/36	L: 305 W: 175 H: 222	

AUTO Batteries
CONVENTIONAL



LONGLIFE
GRID



MAINTENANCE
FREE



LEAKAGE
FREE



EQUIPMENT
LEVEL



EXTREME
USAGE

TUNDRA PLUS

APPLICATIONS: latest Conventional Cars with supplementary power consumers, optimal batteries for Petrol and Diesel cars (HDI, TDI) - vehicles with high energy consumption

PbCa alloy expanded positive grids / ConCast negative grids (Continuous Casting technology)

Additional tin content in the positive grids

Sealed maintenance-free premium batteries equipped with double lid (except E6110 - Kamina lid), magic eye, one way plugs and labyrinth system for gas recovery

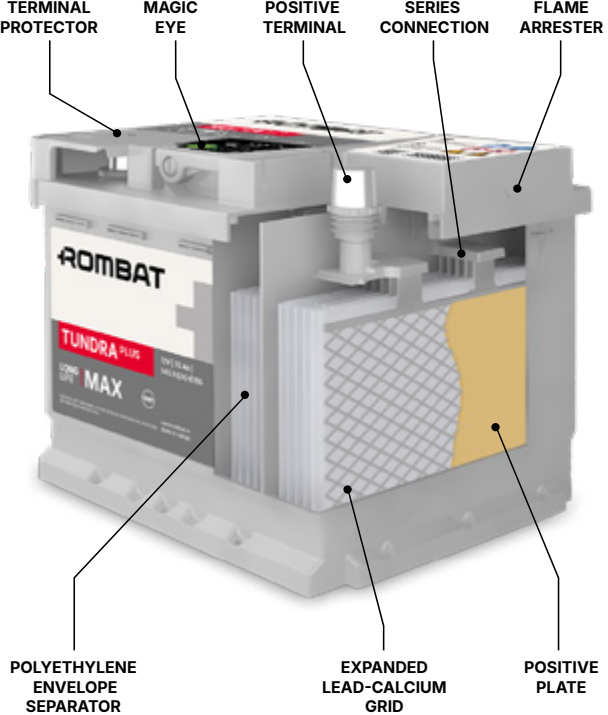
Designed for non Start-Stop applications with high energy demand

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
EB150	LB1	12V 50Ah	500	B13	3/60	L: 207 W: 175 H: 175	
E155	L1	12V 55Ah	540	B13	3/60	L: 207 W: 175 H: 190	
EB260	LB2	12V 60Ah	580	B13	3/60	L: 242 W: 175 H: 175	
E265	L2	12V 65Ah	640	B13	3/60	L: 242 W: 175 H: 190	
EB370	LB3	12V 70Ah	680	B13	3/48	L: 278 W: 175 H: 175	



SEALED BATTERY
WITH CALCIUM
TECHNOLOGY

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
E380	L3	12V 80Ah	750	B13	3/48	L: 278 W: 175 H: 190	
EB485	LB4	12V 85Ah	760	B13	3/42	L: 315 W: 175 H: 175	
EB590	LB5	12V 90Ah	850	B13	3/36	L: 353 W: 175 H: 175	
E5100	L5	12V 100Ah	900	B13	3/36	L: 353 W: 175 H: 190	
E6110	L6	12V 110Ah	950	B13	3/36	L: 393 W: 175 H: 190	



AUTO Batteries
CONVENTIONAL

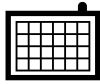


TORNADA PLUS

APPLICATIONS: latest Conventional Cars with high level of equipment, optimal batteries for Petrol and Diesel vehicles (HDI, TDI)

Expanded positive grids / ConCast negative grids (Continuous Casting technology)

Sealed maintenance-free batteries equipped with double lid, magic eye and labyrinth system for gas recovery (except T044 - Kamina lid)



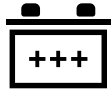
LONGLIFE
GRID



MAINTENANCE
FREE



LEAKAGE
FREE



EQUIPMENT
LEVEL



INTENSIVE
USAGE

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
T044	L0	12V 44Ah	400	B13	3/72	L: 175 W: 175 H: 190	
TB148	LB1	12V 48Ah	400	B13	3/60	L: 207 W: 175 H: 175	
T152	L1	12V 52Ah	480	B13	3/60	L: 207 W: 175 H: 190	
TB258	LB2	12V 58Ah	510	B13	3/60	L: 242 W: 175 H: 175	

T262	L2	12V 62Ah	560	B13	3/60	L: 242 W: 175 H: 190	
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CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
TB366	LB3	12V 66Ah	620	B13	3/48	L: 278 W: 175 H: 175	
T375	L3	12V 75Ah	700	B13	3/48	L: 278 W: 175 H: 190	
TB480	LB4	12V 80Ah	720	B13	3/42	L: 315 W: 175 H: 175	
T595	L5	12V 95Ah	850	B13	3/36	L: 353 W: 175 H: 190	

AUTO Batteries
CONVENTIONAL



PILOT

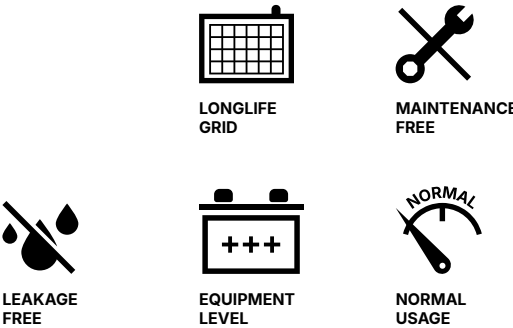
APPLICATIONS: batteries suitable for most
Petrol and Diesel standard vehicles

Expanded/punched positive grids / ConCast negative grids
(Continuous Casting technology)

Basic range designed for standard vehicles

Kamina lids with flame arrestor that ensures protection against
flame entering and allows gases evacuation

The most well-known Rombat range



CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
PB144	LB1	12V 44Ah	320	B13	3/60	L: 207 W: 175 H: 175	
P145	L1	12V 45Ah	340	B13	3/60	L: 207 W: 175 H: 190	
P145G	L1	12V 45Ah	340	B13	3/60	L: 207 W: 175 H: 190	
P150	L1	12V 50Ah	400	B13	3/60	L: 207 W: 175 H: 190	
PB255	LB2	12V 55Ah	450	B13	3/60	L: 242 W: 175 H: 175	
P255	L2	12V 55Ah	440	B13	3/60	L: 242 W: 175 H: 190	
P260	L2	12V 60Ah	480	B13	3/60	L: 242 W: 175 H: 190	
P260G	L2	12V 60Ah	480	B13	3/60	L: 242 W: 175 H: 190	
PB364	LB3	12V 64Ah	600	B13	3/48	L: 278 W: 175 H: 175	
P370	L3	12V 70Ah	600	B13	3/48	L: 278 W: 175 H: 190	

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
P375	L3	12V 75Ah	650	B13	3/48	L: 278 W: 175 H: 190	
P375G	L3	12V 75Ah	650	B13	3/48	L: 278 W: 175 H: 190	
P588	L5	12V 88Ah	680	B13	3/36	L: 353 W: 175 H: 190	
PB588	LB5	12V 88Ah	780	B13	3/36	L: 353 W: 175 H: 175	
PM95	D31/M11	12V 95Ah	650	B01	3/36	L: 305 W: 175 H: 222	
PM95G	D31/M11	12V 95Ah	650	B01	3/36	L: 305 W: 175 H: 222	
P595	L5	12V 95Ah	750	B13	3/36	L: 353 W: 175 H: 190	
P595G	L5	12V 95Ah	750	B13	3/36	L: 353 W: 175 H: 190	
P5100	L5	12V 100Ah	800	B13	3/36	L: 353 W: 175 H: 190	

AUTO Batteries
CONVENTIONAL ASIA



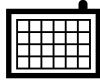
TORNADA ASIA

APPLICATIONS: batteries designed for Asian cars, Petrol and Diesel, with high level of equipment


Expanded positive grids / ConCast negative grids (Continuous Casting technology)

Double lid with central handle


Sealed maintenance-free batteries




LONG LIFE
GRID




MAINTENANCE
FREE













EQUIPMENT
LEVEL

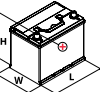
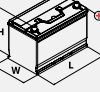
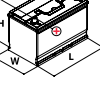


INTENSIVE
USAGE



LEAKAGE
FREE

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
TA40F	B19/NS40	12V 40Ah	280	B00	3/72	L: 187 W: 128 H: 223	
TA40FG	B19/NS40	12V 40Ah	280	B00	3/72	L: 187 W: 128 H: 223	
TA40FT	B19/NS40	12V 40Ah	280	B01	3/72	L: 187 W: 136 H: 223	
TA50F	B24/NS60	12V 50Ah	360	B00	3/60	L: 238 W: 129 H: 223	
TA50FG	B24/NS60	12V 50Ah	360	B00	3/60	L: 238 W: 129 H: 223	
TA50FT	B24/NS60	12V 50Ah	360	B01	3/60	L: 238 W: 134 H: 223	
TA50FTG	B24/NS60	12V 50Ah	360	B01	3/60	L: 238 W: 134 H: 223	
TA60	D23	12V 60Ah	500	B01	3/60	L: 230 W: 172 H: 222	
TA60G	D23	12V 60Ah	500	B01	3/60	L: 230 W: 172 H: 222	
TA75	D26/M10	12V 75Ah	610	B01	3/48	L: 260 W: 175 H: 222	

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
TA75G	D26/M10	12V 75Ah	610	B01	3/48	L: 260 W: 175 H: 222	
TA100	D31/M11	12V 100Ah	750	B01	3/36	L: 305 W: 175 H: 222	
TA100G	D31/M11	12V 100Ah	750	B01	3/36	L: 305 W: 175 H: 222	

Going further.



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COMMERCIAL VEHICLES Batteries

18 HEAVY DUTY EFB
20 HEAVY DUTY

COMMERCIAL VEHICLES Batteries
HEAVY DUTY EFB



EXTREME
USAGE

RESISTANCE TO
EXTREME
TEMPERATURES

TRAILER

HEAVYWEIGHT

SEMI-TRAILER

BUS

EFB
TECHNOLOGY

SHD
TECHNOLOGY

RESISTANCE
TO EXTREME
VIBRATION

MAINTENANCE
FREE

LEAKAGE
FREE

CHAMPION HD-EFB

APPLICATIONS: Euro 5/6 trucks and Buses (original equipped with EFB battery) or compatible for all vehicles with high energy requirements and high vibration resistance (Euro 3/4)

Special design of the boxes + fixing of the groups with an adhesive within the cell, both at the bottom and at the top

Premium quality based on manufacturer's experience for original EFB batteries as OEM

Technological project that ensures a number of micro-cycles of charging and discharging 10 * times higher compared to classic batteries

Maximum performance indicators in terms of water consumption

Polyethylene separator with very high mechanical strength, with a considerable thickness which significantly reduces the defects caused by short circuits

For hotel functions - technological project that ensures a long use / a slow discharge, having an additional capacity to supply the consumers during the stops

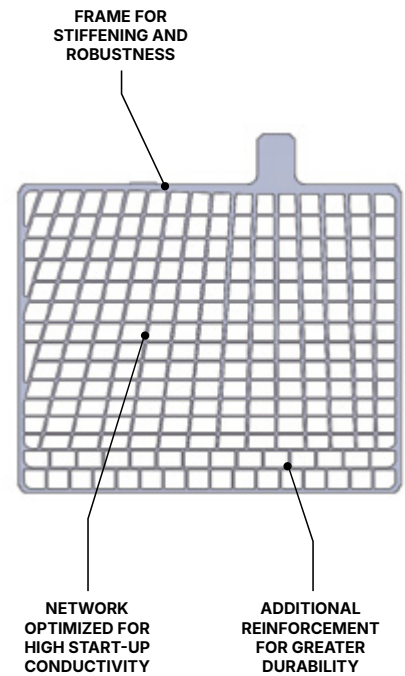
Maximum level of performance at maintaining the charge

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
NEW CHD190	B/M15	12V 190Ah	1100	B00	3/18	L: 514 W: 218 H: 218	
CHD230	C/M16	12V 230Ah	1200	B00	3/18	L: 518 W: 273 H: 240	



High performance and
extended lifespan

PUNCHED
TECHNOLOGY:
Ca/Ca GRID



- BENEFITS OF THE NEW GRID:**
- Extended lifespan
 - High cycling resistance
 - Reduced self discharge rate on storage

These grids are used especially for AGM and HD.

COMMERCIAL VEHICLES Batteries
HEAVY DUTY



SHD
TECHNOLOGY



RESISTANCE
TO EXTREME
VIBRATION



MAINTENANCE
FREE



LEAKAGE
FREE



INTENSIVE
USAGE



RESISTANCE TO
EXTREME
TEMPERATURES



TRAILER



HEAVYWEIGHT



SEMI-TRAILER



BUS

ENDURANCE^{HD}

APPLICATIONS: commercial vehicles,
agricultural and construction equipment with
intensive use (e.g., vibrations, deep discharge,
additional electrical consumers, etc.)

Punched positive grids / ConCast negative grids (Continuous
Casting technology)

Double lid with labyrinth system and flame arrestor

Sealed maintenance-free batteries

Polyethylene separators with high mechanical resistance

Very good vibration resistance due to the very tight group
fixation in to the cell

Calcium-Calcium technology with very low water consumption

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
EHD120	C13	12V 120Ah	900	B01	3/36	L: 345 W: 175 H: 238	
EHD130	A/MB14	12V 130Ah	850	B03	3/24	L: 511 W: 190 H: 217	
EHD150	A/MB14	12V 150Ah	900	B03	3/24	L: 511 W: 190 H: 217	
EHD180	B/M15	12V 180Ah	1100	B00	3/18	L: 514 W: 218 H: 218	



CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
EHD200	B/M15	12V 200Ah	1150	B00	3/18	L: 514 W: 218 H: 218	
EHD220	C/M16	12V 220Ah	1100	B00	3/18	L: 518 W: 273 H: 240	
EHD235	C/M16	12V 235Ah	1200	B00	3/18	L: 518 W: 273 H: 240	

COMMERCIAL VEHICLES Batteries
HEAVY DUTY



RESISTANCE TO EXTREME VIBRATION

RESISTANCE TO EXTREME TEMPERATURES

HD TECHNOLOGY

MAINTENANCE FREE

HEAVYWEIGHT

NORMAL USAGE

SEMI-TRAILER

TERRA

APPLICATIONS: local area commercial vehicles, construction and agricultural equipment used in normal operating conditions of power and energy consumption

- Standard range, designed for HD applications
- Flat lid with M27 plugs
- Punched positive grids / ConCast negative grids (Continuous Casting technology)
- Polyethylene envelope separators

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
T105D	C13	12V 105Ah	700	B00	3/36	L: 345 W: 175 H: 238	
T105G	C13	12V 105Ah	700	B00	3/36	L: 345 W: 175 H: 238	
T105DT	C13	12V 105Ah	700	B01	3/36	L: 345 W: 175 H: 238	
T135G	A/MB14	12V 135Ah	800	B03	3/24	L: 511 W: 190 H: 217	



CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
T180G	B/M15	12V 180Ah	1000	B00	3/18	L: 514 W: 218 H: 218	
T180DT	B/M15	12V 180Ah	1000	B03	3/18	L: 514 W: 218 H: 218	
T180GT	B/M15	12V 180Ah	1000	B03	3/18	L: 514 W: 218 H: 218	
T225G	C/M16	12V 225Ah	1200	B00	3/18	L: 518 W: 273 H: 240	



Going further.



SPECIAL Batteries

26	ENERGY SOLUTIONS
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SPECIAL Batteries
ENERGY SOLUTIONS



LITHIUM

APPLICATIONS: photovoltaic, ideal for energy storage

Recommended for photovoltaic applications, ideal for energy storage

It is provided with the following features: electronic display, communication interface RS485, Rs232, CAN and fastening system in 19" cabinets

It features a BMS battery management device that monitors and provides protection against the following: overcharge, overdischarge and overheating

The BMS system displays the battery statuses: SHOCK, SOH, cell voltages, charge/discharge currents, temperature

LiFePO4 chemistry - Provides more operational safety

CATALOGUE CODE	Type	Capacity	Dimensions (mm)
RBTL100-24	Case	25V 100Ah	L: 522 W: 240 H: 218
RBTM100-24	Rack 19"	25V 100Ah	L: 290 W: 442 H: 178
RBTM50-48	Rack 19"	51V 50Ah	L: 440 W: 442 H: 134
RBTM100-48	Rack 19"	51V 100Ah	L: 390 W: 442 H: 222



SPECIAL Batteries
ENERGY SOLUTIONS



STATIONARY

APPLICATIONS: security and alarm systems, UPS, emergency lighting, power tools and toys, photovoltaic systems, alternative energy systems, etc.

AGM and GEL technology

ABS housings and covers

Anti-explosion safety valve

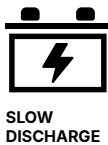
Exceptional recovery performance after deep discharge

Low self-discharge

CATALOGUE CODE	Length (mm)	Width (mm)	Height (mm)	Installation diagram / Terminal type
HGL6V-5Ah	70	47	107	F1
HGL6V-10Ah	151	50	101	F1
HGL12V-4Ah	90	70	107	F1
HGL12V-5Ah F1	90	70	107	F1
HGL12V-5Ah F2	90	70	107	F2
HGL12V-7Ah F1	151	65	101	F1
HGL12V-7Ah F2	151	65	101	F2
HGL12V-7.2Ah F2	151	65	101	F2
HGL12V-9Ah	151	65	101	F2
HGL12V-12Ah	151	99	102	F2
HGL12V-18Ah	181	77	167	T
HGL12V-24Ah	165	125	179	M5
HGL12V-26Ah	166	175	126	M5
DC12V-35Ah	196	131	167	M6
DCG(Gel)12V-35Ah	196	131	167	M6
DC12V-40Ah	199	166	173	M6
DCG(Gel)12V-40Ah	199	166	173	M6
DC12V-50Ah	230	138	212	M6

CATALOGUE CODE	Length (mm)	Width (mm)	Height (mm)	Installation diagram / Terminal type
DC12V-55Ah	230	138	212	M6
DCG(Gel)12V-55Ah	230	138	212	M6
DC12V-65Ah	350	165	175	M6
DCG(Gel)12V-65Ah	350	165	175	M6
DC12V-70Ah	350	165	175	M6
DC12V-75Ah	260	169	215	M6
DC12 V-85Ah	260	170	215	M6
DCG(Gel)12V-85Ah	260	170	215	M6
DC12V-100Ah	307	169	215	M6
DCG(Gel)12V-100Ah	307	169	215	M6
DC12V-120Ah	407	174	233	M6
DC12V-150Ah	484	171	241	M6
DCG(Gel)12V-150Ah	484	171	241	M6
DC12V-200Ah	532	206	222	M6
DCG(Gel)12V-200Ah	532	206	222	M6
FCDG12-200XT	520	269	207	M6
DC12V-240Ah	520	269	209	M6
DCG(Gel)12V-240Ah	520	264	209	M6
DC12V-260Ah	520	268	226	M6
DC6V-224Ah	260	180	251	M6
DC6V-250Ah	262	181	272	M6
DC6V-330Ah	295	178	350	M6
DC6V-420Ah	295	178	424	M6
DCG6V-226Ah	260	180	252	M6
DCG6V-250Ah	260	180	272	M6
DCG6V-330Ah	295	178	350	M6

SPECIAL Batteries
SEMI TRACTION



TEMPEST

APPLICATIONS: power supply for boats, motor yachts, caravans, motor homes, lighting applications, floor cleaning machines, scrubbers, lifting machines, electric wheelchairs, signal installations, mobile power supply and other special applications

Kamina black lid with flame arrestor for 50 Ah, 60 Ah, 72 Ah, 100 Ah and 105 Ah and flat lid for the other items of the range

Punched positive grids / ConCast negative grids (Continuous Casting technology)

Glass mat fibre polyethylene separators with very good vibration resistance, this feature providing longer life

Thick plates, special designed for permanent and long-lasting electrical energy supply applications, also high resistance for great number of deep discharge cycles

Special designed for applications that required permanent or lasting electrical energy

CATALOGUE CODE	Type	Capacitate (20h) (Ah)	Capacitate (5h) (Ah)	Base holddown	No. of rows Pieces on pallet	Dimensions (mm)	Layout
STL1550	L1	12V 50Ah	12V 40Ah	B13	3/60	L: 207 W: 175 H: 190	
STL2560	L2	12V 60Ah	12V 48Ah	B13	3/60	L: 242 W: 175 H: 190	
STL3572	L3	12V 72Ah	12V 58Ah	B13	3/48	L: 278 W: 175 H: 190	
STL5600	L5	12V 100Ah	12V 80Ah	B13	3/36	L: 353 W: 175 H: 190	
STM1605	D31/M11	12V 105Ah	12V 84Ah	B01	3/36	L: 305 W: 175 H: 222	
STC3620	C13	12V 120Ah	12V 96Ah	B00	3/36	L: 345 W: 175 H: 238	
STMB4654	A/MB14	12V 154Ah	12V 124Ah	B03	3/24	L: 511 W: 190 H: 217	
STM5670	B/M15	12V 170Ah	12V 137Ah	B00	3/18	L: 514 W: 218 H: 218	
STM6725	C/M16	12V 225Ah	12V 181Ah	B00	3/18	L: 518 W: 273 H: 240	

SPECIAL Batteries
SEMI TRACTION



DZF | EVF

APPLICATIONS: floor washing machines, electric scooters, etc.

GEL technology

ABS housings and covers

Anti-explosion safety valve

Exceptional recovery performance after deep discharge

Low self-discharge

CATALOGUE CODE	Length (mm)	Width (mm)	Height (mm)	Installation diagram / Terminal type
6-DZF-12	151	99	103	M6
6-DZF-20	181	77	168	M6
6-DZF-23	189	77	170	M6

CATALOGUE CODE	Length (mm)	Width (mm)	Height (mm)	Installation diagram / Terminal type
6-EVF-32	267	77	168	M6
6-EVF-38	222	106	171	M6
6-EVF-45	226	120	173	M6
6-EVF-52	226	135	173	M6
6-EVF-58	226	148	175	M6
6-EVF-62	226	162	175	M6
6-EVF-72	259	168	211	M6
6-EVF-100A	331	177	220	M6
3-EVF-200A	260	181	274	M6

SPECIAL Batteries
RAILWAY LINE

TERRA 2S

APPLICATIONS: battery for starting Diesel locomotives

- 2 polypropylene unibody batteries in a metal case
- Punched positive grids, negative grids with PbCa alloy frame
- Normal water consumption



MAINTENANCE
FREE



RESISTANCE
TO EXTREME
VIBRATION



RESISTANCE TO
EXTREME
TEMPERATURES



SHD
TECHNOLOGY



LOCOMOTIVE

CATALOGUE CODE	Code	Cold Cranking Current	Type	Dimensions (mm)	Layout	Installation diagram / Terminal type	Base holddown
TERRA 12V 320Ah	820.454.128	1280 (UIC854R)	-	L: 654 W: 526 H: 260		special assembly/ special	-



SPECIAL Batteries
MILITARY

NATO

APPLICATIONS: special battery for tanks and armoured vehicles

- High level of resistance and reliability
- Long lifetime
- Low water consumption



SHD
TECHNOLOGY



RESISTANCE
TO EXTREME
VIBRATION



RESISTANCE TO
EXTREME
TEMPERATURES

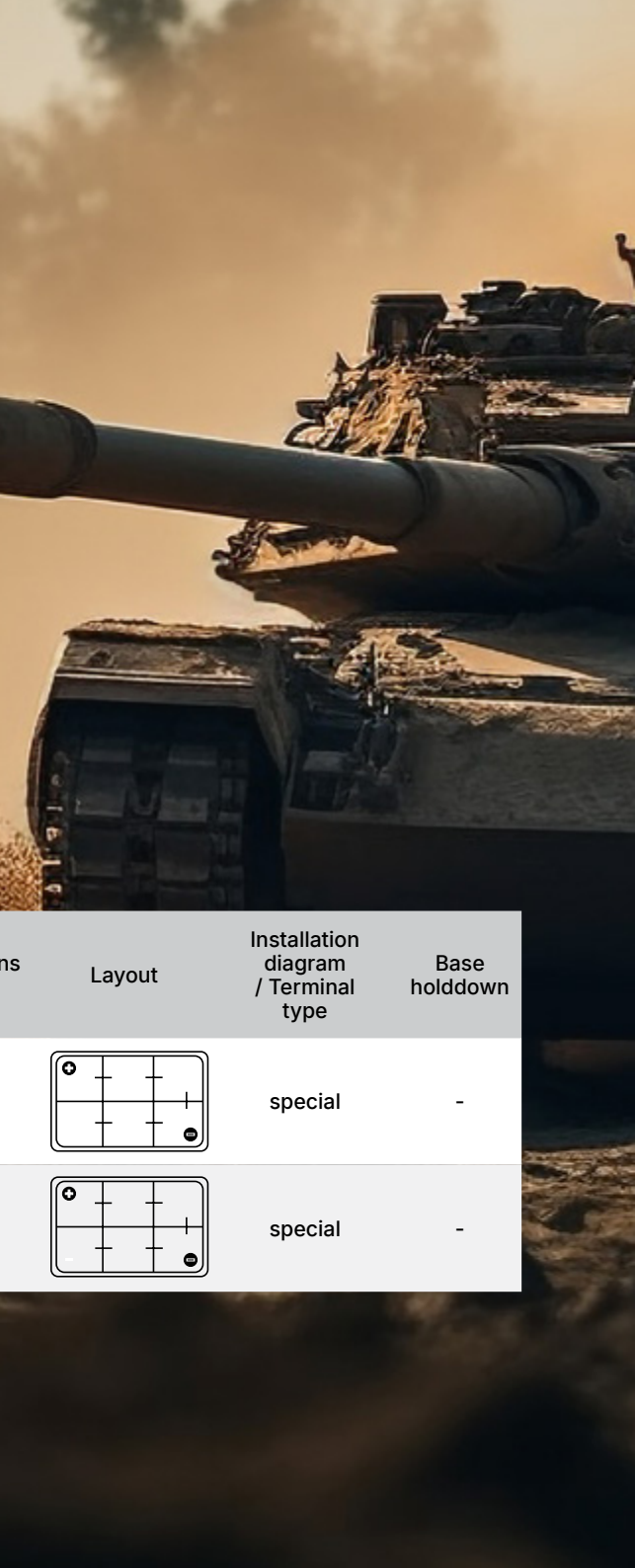


MILITARY



TANK

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Dimensions (mm)	Layout	Installation diagram / Terminal type	Base holddown
NT110	Nato	12V 110Ah	800	L: 286 W: 260 H: 226		special	-
NT125	Nato	12V 125Ah	800	L : 286 W : 260 H: 226		special	-



SPECIAL Batteries
TRACTION



FORTE

APPLICATIONS: electric power supply for
electrocars, electric forklifts, pallet trucks

Tubular positive plates, paste negative plates

Polyethylene separators

Batteries made by stringing the elements according to the
voltage requested by the beneficiary



PsZ
TECHNOLOGY



FORKLIFT



PALLET
TRUCK

CATALOGUE CODE	Capacity	Dimensions (mm)
2PzS120L	120	L: 198, W: 47, H: 365
3PzS180L	180	L: 198, W: 65, H: 365
4PzS240L	240	L: 198, W: 83, H: 365
5PzS300L	300	L: 198, W: 101, H: 365
6PzS360L	360	L: 198, W: 119, H: 365
7PzS420L	420	L: 198, W: 137, H: 365
8PzS480L	480	L: 198, W: 155, H: 365
2PzS160L	160	L: 198, W: 47, H: 430
3PzS240L	240	L: 198, W: 65, H: 430
4PzS320L	320	L: 198, W: 83, H: 430
5PzS400L	400	L: 198, W: 101, H: 430
6PzS480L	480	L: 198, W: 119, H: 430
7PzS560L	560	L: 198, W: 137, H: 430
8PzS640L	640	L: 198, W: 155, H: 430
2PzS180L	180	L: 198, W: 47, H: 500
3PzS270L	270	L: 198, W: 65, H: 500
4PzS360L	360	L: 198, W: 83, H: 500
5PzS450L	450	L: 198, W: 101, H: 500
6PzS540L	540	L: 198, W: 119, H: 500
7PzS630L	630	L: 198, W: 137, H: 500
8PzS720L	720	L: 198, W: 155, H: 500
2PzS210L	210	L: 198, W: 47, H: 543
3PzS315L	315	L: 198, W: 65, H: 543
4PzS420L	420	L: 198, W: 83, H: 543
5PzS525L	525	L: 198, W: 101, H: 543
6PzS630L	630	L: 198, W: 119, H: 543
7PzS735L	735	L: 198, W: 137, H: 543

CATALOGUE CODE	Capacity	Dimensions (mm)
8PzS840L	840	L: 198, W: 155, H: 543
2PzS230L	230	L: 198, W: 47, H: 595
3PzS345L	345	L: 198, W: 65, H: 595
4PzS460L	460	L: 198, W: 83, H: 595
5PzS575L	575	L: 198, W: 101, H: 595
6PzS690L	690	L: 198, W: 119, H: 595
7PzS805L	805	L: 198, W: 137, H: 595
8PzS920L	920	L: 198, W: 155, H: 595
2PzS250L	250	L: 198, W: 47, H: 595
3PzS375L	375	L: 198, W: 65, H: 595
4PzS500L	500	L: 198, W: 83, H: 595
5PzS625L	625	L: 198, l: 101, H: 595
6PzS750L	750	L: 198, W: 119, H: 595
7PzS875L	875	L: 198, W: 137, H: 595
8PzS1000L	1000	L: 198, W: 155, H: 595
3PzS420L	420	L: 198, W: 65, H: 745
4PzS560L	560	L: 198, W: 83, H: 745
5PzS700L	700	L: 198, W: 101, H: 745
6PzS840L	840	L: 198, W: 119, H: 745
7PzS980L	980	L: 198, W: 137, H: 745
8PzS1120L	1120	L: 198, W: 155, H: 745
3PzS465L	465	L: 198, W: 65, H: 745
4PzS620L	620	L: 198, W: 83, H: 745
5PzS775L	775	L: 198, W: 101, H: 745
6PzS930L	930	L: 198, W: 119, H: 745
7PzS1085L	1085	L: 198, W: 137, H: 745
8PzS1240L	1240	L: 198, W: 155, H: 745

SPECIAL Batteries
MOTORCYCLE



START GEL

APPLICATIONS: motorcycle, scooter, atv,
snowmobil

Maintenance free battery in GEL technology: flame arrestor,
higher starting current than AGM batteries

The battery is ready to use

They can be used in any position



MOTORCYCLE



SCOOTER



ATV



SNOWMOBIL

CATALOGUE CODE	Code	Cold Cranking Current	Dimensions (mm)	Layout	Base holddown
START GEL 12V 7Ah	RBG7	100	L: 150, W: 86, H: 94		B00
START GEL 12V 4Ah	RMG4L-BS-C	60	L: 113, W: 69, H: 85		B00
START GEL 12V 5Ah	RMG5L-BS-C	90	L: 113, W: 69, H: 105		B00
START GEL 12V 6,5Ah	RMG6.5L-BS-C	130	L: 138, W: 66, H: 101		B00
START GEL 12V 7Ah	RMG7L-BS-C	120	L: 113, W: 69, H: 130		B00
START GEL 12V 9Ah	RMG9L-BS-C	145	L: 150, W: 86, H: 105		B00
START GEL 12V 12Ah	RMG12-BS-C	180	L: 150, W: 86, H: 130		B00
START GEL 12V 14Ah	RMG14-BS-C	200	L: 150, W: 86 H: 145		B00
START GEL 12V 16Ah	RMG16-BS-C	220	L: 150, W: 69, H: 161		B00
START GEL 12V 20Ah	RMG20HL-BS-C	310	L: 175, W: 87, H: 154		B00
START GEL 12V 30Ah	RMG30L-BS-C	360	L: 168, W: 127, H: 176		B00

SPECIAL Batteries
MOTORCYCLE



START AGM

APPLICATIONS: motorcycle, scooter, atv, snowmobil

Maintenance free battery: flame arrestor, AGM (absorbed glass material) separator, higher starting current than conventional batteries

The battery is dry charged with acid separated in bottles

The battery and the bottle are packed in a cardboard box

They can be used in any position



MOTORCYCLE



SCOOTER



ATV



SNOWMOBIL

CATALOGUE CODE	Code	Cold Cranking Current	Dimensions (mm)	Layout	Base holddown
START AGM 12V 3Ah	RBX4L-BS	50	L: 114, W: 70, H: 85		B00
START AGM 12V 4Ah	RBX5L-BS	70	L: 114, W: 70, H: 105		B00
START AGM 12V 4Ah	RTZ5S-BS	45	L: 114, l: 70, H: 85		B00
START AGM 12V 6Ah	RT7B-BS-C	80	L: 150, W: 65, H: 93		B00
START AGM 12V 6Ah	RBX7A-BS	80	L: 150, W: 87, H: 93		B00
START AGM 12V 6Ah	RBX7L-BS	80	L: 114, W: 70, H: 130		B00
START AGM 12V 6Ah	RTZ7S-BS	60	L: 114, W: 70, H: 116		B00
START AGM 12V 8Ah	RBX9-BS	90	L: 150, W: 87, H: 105		B00
START AGM 12V 8Ah	RT9B-BS-C	130	L: 150, W: 69, H: 105		B00
START AGM 12V 9Ah	RBZ10S-BS	150	L: 150, W: 87, H: 95		B00
START AGM 12V 10Ah	RT12B-BS-C	110	L: 150, W: 69, H: 130		B00
START AGM 12V 10Ah	RBX12-BS	160	L: 151, W: 87, H: 130		B00
START AGM 12V 11Ah	RBZ12S-BS	160	L: 150, W: 87, H: 110		B00
START AGM 12V 11Ah	RT14B-BS-C	135	L: 150, W: 69, H: 145		B00
START AGM 12V 12Ah	RBX14-BS	200	L: 151, W: 87, H: 146		B00
START AGM 12V 12Ah	RBZ14S-BS	170	L: 150, W: 87, H: 110		B00
START AGM 12V 14Ah	RBX16-BS	230	L: 151, W: 87, H: 158		B00
START AGM 12V 18Ah	RBX20L-BS	250	L: 175, W: 87, H: 155		B00
START AGM 12V 30Ah	RBX30L-BS	350	L: 168, W: 127, H: 177		B00

SPECIAL Batteries
MOTORCYCLE



START

APPLICATIONS: motorcycle, scooter, atv, snowmobil

Conventional battery with central degassing

The battery is dry charged with acid separated in bottles

The battery and the bottle are packed in a cardboard box



MOTORCYCLE



SCOOTER



ATV



SNOWMOBIL

CATALOGUE CODE	Code	Cold Cranking Current	Dimensions (mm)	Layout	Base holddown
START 12V 8Ah	12N9-4B-1	90	L: 135, W: 75, H: 134		B00
START 12V 7Ah	12N7-4A	70	L: 135, W: 76, H: 134		B00
START 12V 7Ah	12N7-4B	70	L: 135, W: 76, H: 134		B00
START 12V 4Ah	RB4L-B	50	L: 120, W: 70, H: 92		B00
START 12V 8Ah	RB7L-B	90	L: 137, W: 75, H: 134		B00
START 12V 9Ah	RB9L-B	90	L: 135, W: 75, H: 138		B00
START 12V 11Ah	RB10L-A2	110	L: 134, W: 90, H: 145		B00
START 12V 12Ah	RB12A-A	135	L: 134, W: 80, H: 160		B00
START 12V 12Ah	RB12AL-A	135	L: 134, W: 80, H: 160		B00
START 12V 14Ah	RB14-A2	160	L: 134, W: 89, H: 164		B00
START 12V 14Ah	RB14L-A2	160	L: 134, W: 89, H: 164		B00
START 12V 16Ah	RB16AL-A2	190	L: 205, W: 70, H: 162		B00
START 12V 18Ah	RB18L-A	190	L: 179, W: 90, H: 164		B00

SPECIAL Batteries
LAWN MOWERS



GREEN

APPLICATIONS: chainsaws, lawn mowers, golf carts, personal boats, snow blowers, portable generators/pumps, starting small internal combustion engines and other special applications

- Double lid with flame arrestor and status indicator
- Ergonomic central handle, L-type terminals
- Cast grids of PbCa alloy
- Robust battery box
- Maintenance-free battery, delivered charged with electrolyte, in two versions (right +, left +)



LONGLIFE
GRID



MAINTENANCE
FREE



LEAKAGE
FREE



SNOWMOBIL



JET SKI



GARDEN
TRACTOR

CATALOGUE CODE	Type	Capacity	Cold Cranking Current	Dimensions (mm)	Layout	Installation diagram / Terminal type	Base holddown
U128D	U1	12V 28Ah	230	L: 197 W: 129 H: 190		L	B00
U128G	U1	12V 28Ah	230	L: 197 W: 129 H: 190		L	B00



DIAGNOSTIC

Vizual inspection:

- Check the battery terminals
- Check the battery Lid and box integrity (no external damages)
- Check the Magic Eye (Hydrometer), if the battery has one

Measurements:

- Open circuit voltage
- Charging voltage value of the alternator (with DC voltmeter)
- Starting current consumption (with DC clamp meter)
- Engine starting parameters, with specific devices
- The electrolyte density, if acces is possible

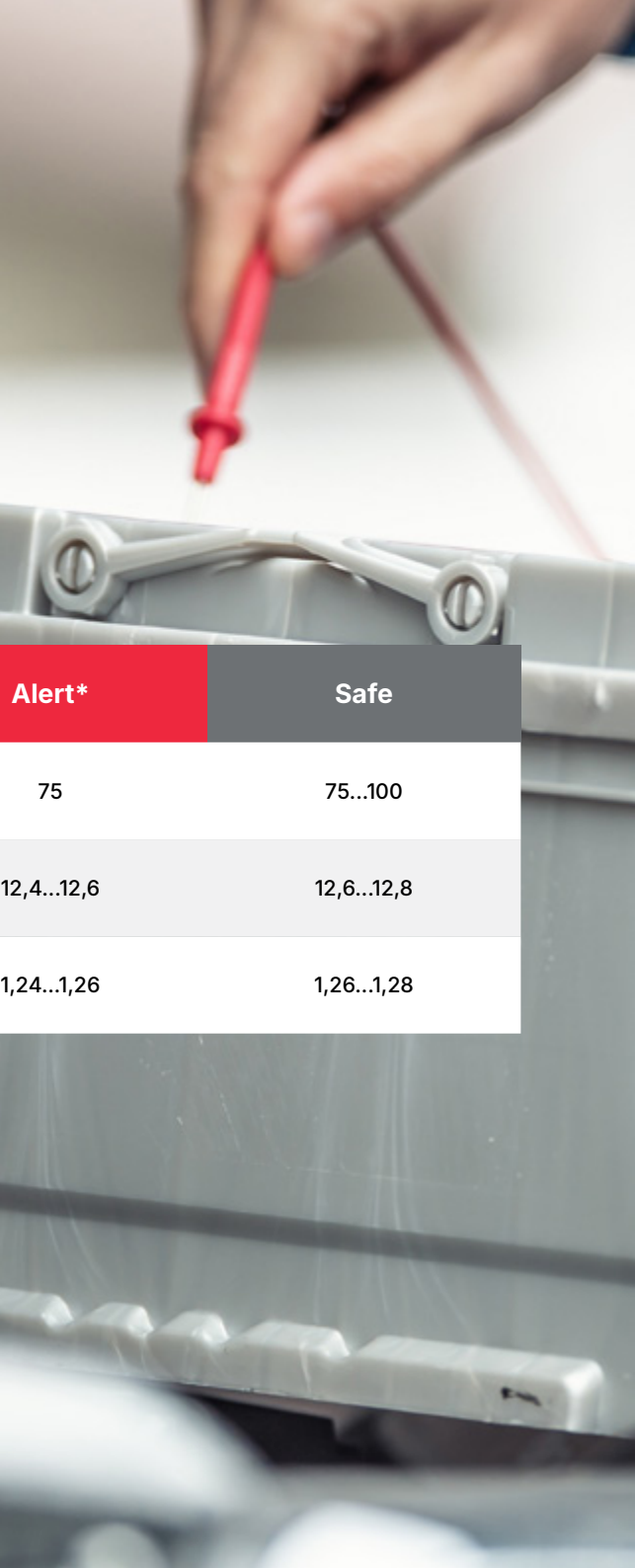
	Not safe*	Alert*	Safe
State of charge (%)	0...75	75	75...100
Open Circuit Voltage (V)	11...12,4	12,4...12,6	12,6...12,8
Acid specific gravity (g/cm3)	1,1...1,24	1,24...1,26	1,26...1,28

* The battery must be recharged to ensure good functionality!



CAUTION

The battery diagnoses have to be performed only by specialized battery shops.



STORAGE AND CHARGING INSTRUCTIONS

1. DELIVERY

ROMBAT guarantees the next battery parameters at delivery:

- Open Circuit Voltage (U): $\geq 12,7\text{ V}$ (at 25°C)
- Acid specific gravity: $= 1.28 \pm 0.01\text{ g/cm}^3$ (at 25°C)
- CCA value on the label: I EN (A) measured at $T = -18^{\circ}\text{C}$, with fully charged batteries (after 3 consecutive cycles) according EN 50342.

For a life time prolongation of the batteries we recommend some basic storage and recharging instructions.

2. STORAGE

The batteries should be stored in vented, closed and dry rooms, at 5 to 25°C , 80% humidity level, far from the sunshine action and heat sources. Respecting all of this conditions the batteries can be stored without charging for 6 months before use. For a better storage management, we recommend to respect the FIFO.

3. RECHARGING

The battery state of charge have to be periodically monitored in case of long storage time. The Open circuit voltage value should not decrease under $12,5\text{ V}$.

In case that the charging is needed we recommend respecting the next instructions:

- Recharge the batteries using a DC battery rectifier that assure an output voltage value between $13,8$ and $16,5\text{ V}$ at 25°C , for Flooded and EFB batteries, and between $13,8$ and $14,8\text{V}$ at 25°C , for AGM batteries the current value should be between 4 and 25 A .

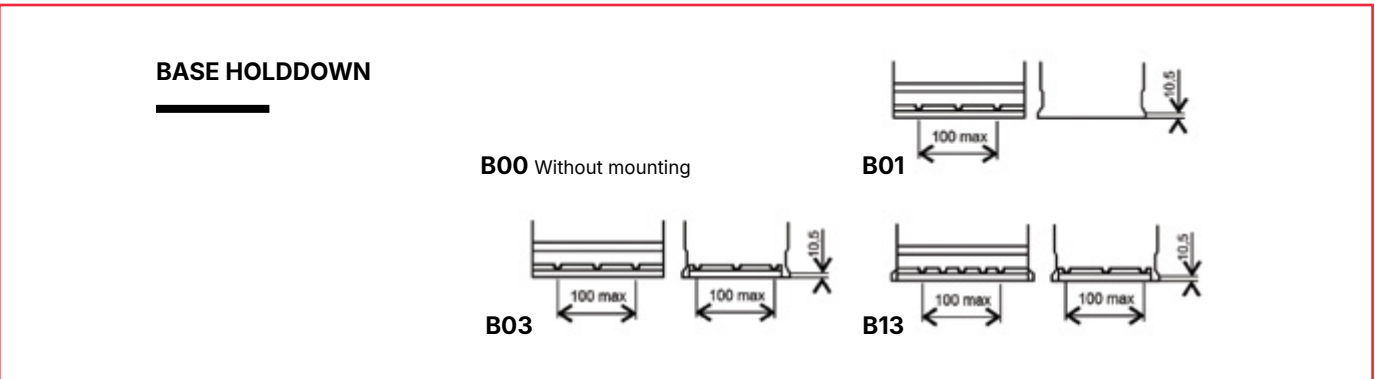
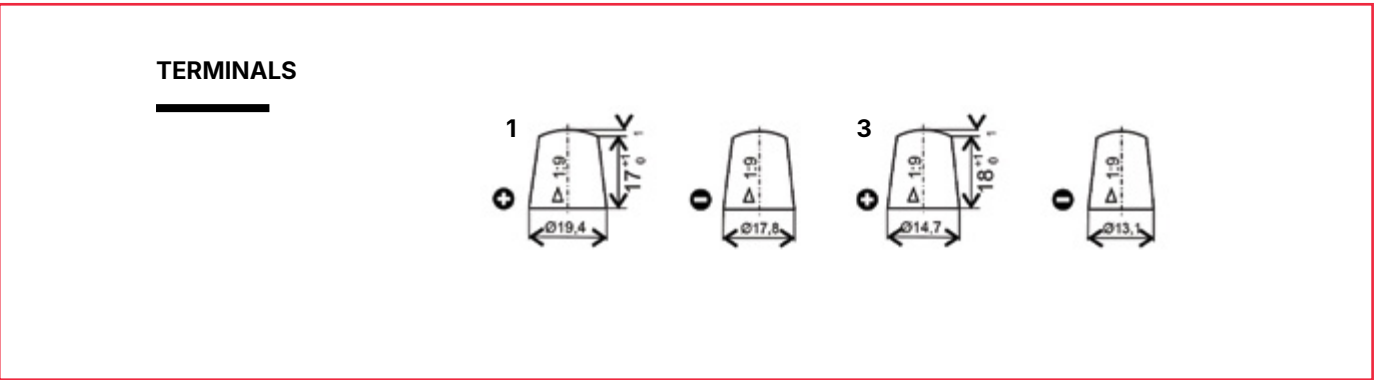
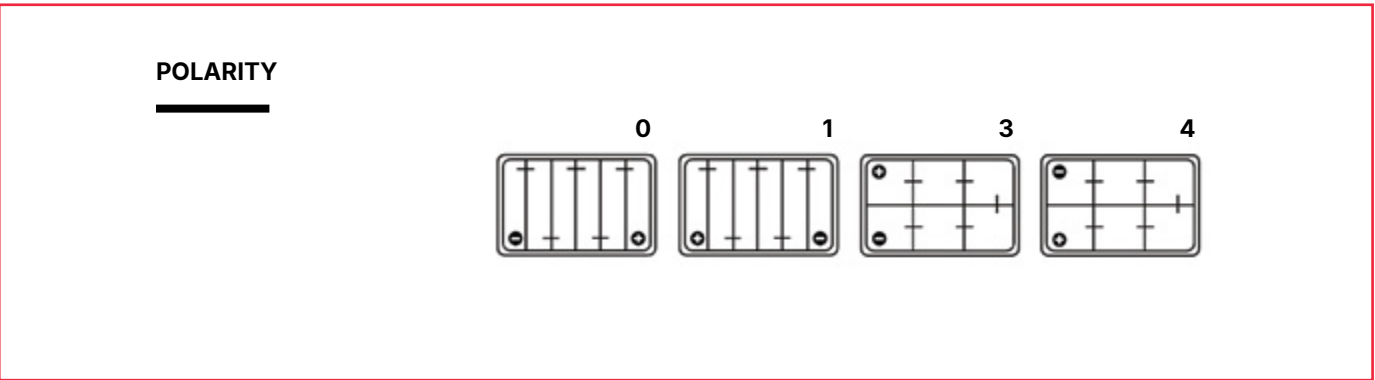
- The recharging have to be performed by setting a current value $5\%-10\%$ of the battery capacity. Example, for a 60Ah battery the charging current is between 3 and 6 A .
- The charging have to be performed until the voltage value reach between $15,8$ and $16,5\text{ V}$ (at 25°C), and stay stable for $2-3\text{h}$ (on charging).



CAUTION

For the AGM batteries, the charging voltage value at the end of charge should be between $14,4$ și $14,8\text{V}$ and not higher.

The charging time depends on the battery discharge state. For deep discharged batteries the time can be between $24-72\text{h}$.



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+ROMBAT

in www.linkedin.com/company/baterii-rombat/



The technical specifications are in accordance with European Standard 50342.

**We energize a
sustainable future.**

