

DURABLE POWER



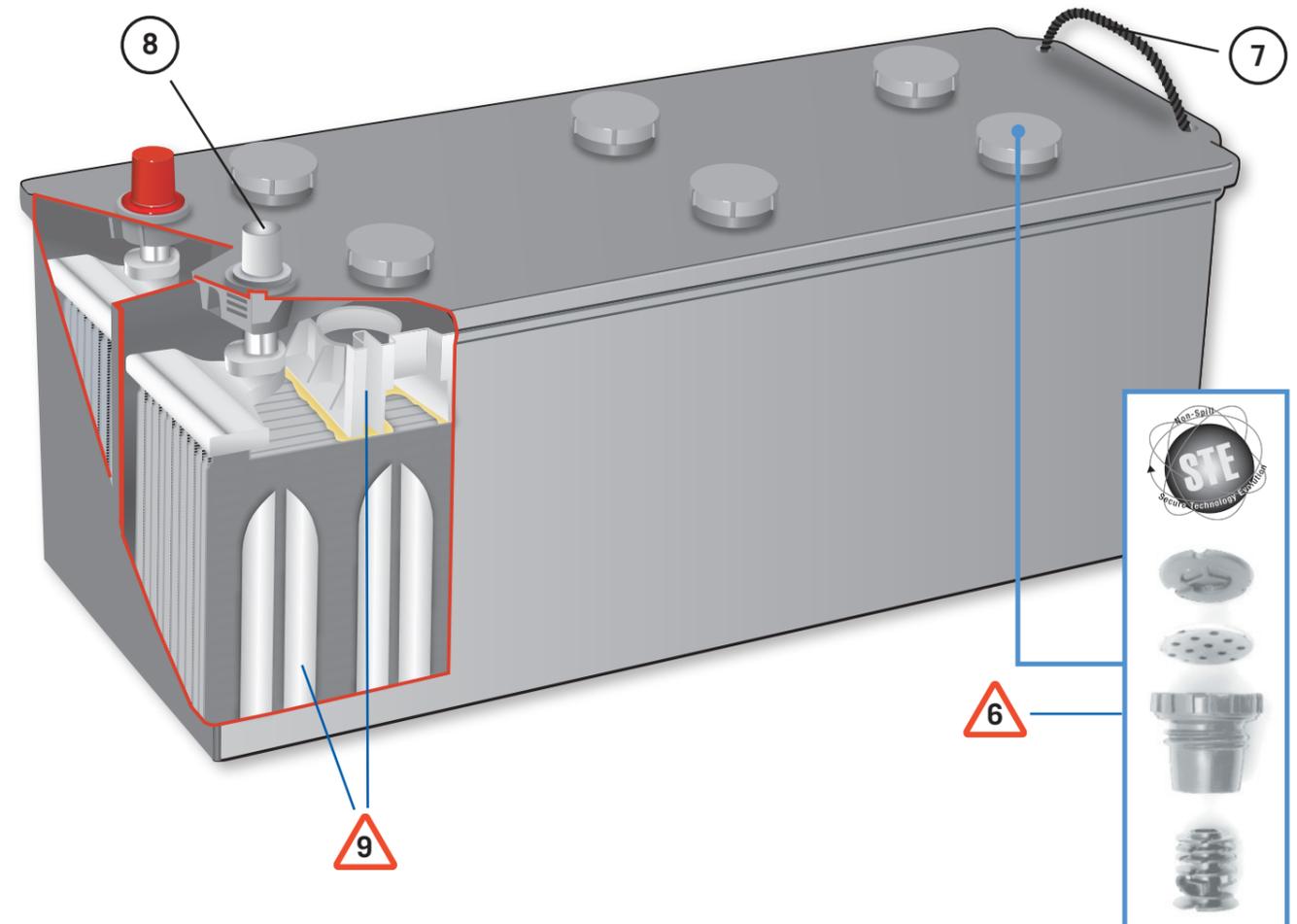
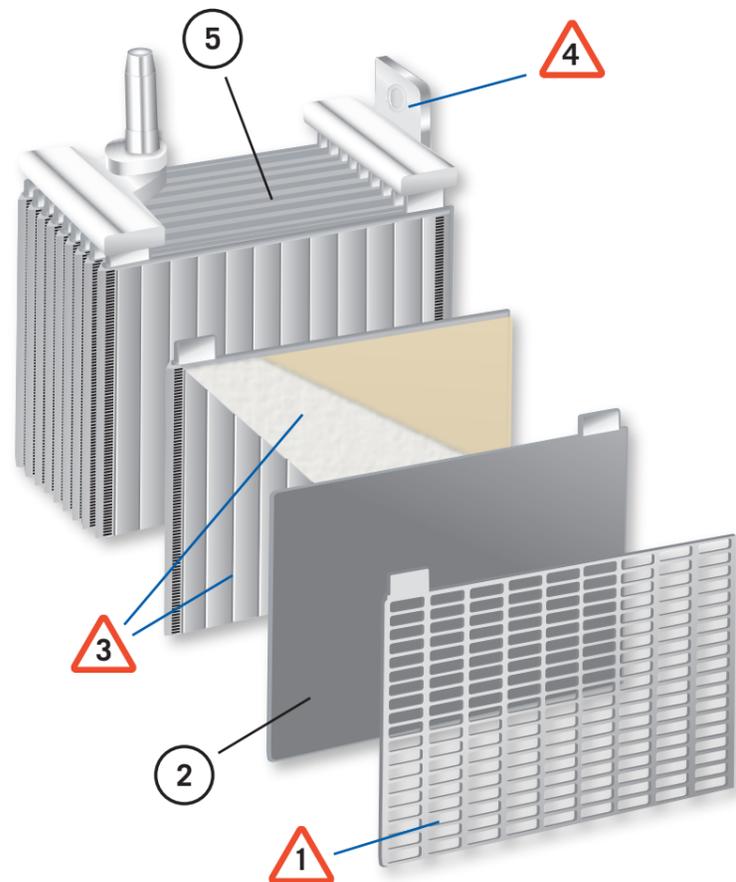
EXIDE[®]
TECHNOLOGIES

SUPER HEAVY DUTY

TECHNICAL DATA

Vibration level: **V3**
 Endurance level: **E4**
 Cycling @ DOD 50%: **250-300**
 Grid thickness: **>2 mm**
 Starting power: **Good**
 Separator: **Glass-Fibre Envelope**

- 1** **+30%** THICKER GRIDS THAN STD BATTERIES: Provides better durability and longer life than conventional batteries and increases resistance to corrosion failure.
- 2** NEGATIVE PLATE
- 3** **+60%** POSITIVE PLATE & GLASS-FIBRE ENVELOPE SEPARATORS: The Glass-Fibre Mat separator contains specially developed PE fibrestrands, which exert mechanical pressure, to help keep the active paste material firmly bonded to the plate, and eliminates shorts from plate contact and material shedding.
- 4** EXTRA ROBUST CAST-ON-STRAP: High cross section straps and welds for reduced internal resistance and longer battery life.
- 5** PLATE GROUP
- 6** STE PLUG WITH HYDROPHOBIC MEMBRANE: Ensures customer and installer protection and delays spillage.
- 7** CARRYING HANDLES: Safe handling and installation.
- 8** TERMINAL POST
- 9** ANTI-VIBRATION FIXATION BRACKETS & HOT MELT: Provide superior protection against vibration.



ROBUST ON THE OUTSIDE DURABLE ON THE INSIDE

A series of batteries where the focus is on durability, performance and safety. The toughest battery in the range. In today's buses, tourist buses and commercial vehicles there are more demands on the battery than ever before. Such as Air conditioning/Climate Control, Sat-Nav, tail lift's, CCTV, TV and DVD. All of the above equipment require the need for a Deep Cycle battery.

THICKER PLATE & GLASS-FIBRE ENVELOPE SEPARATOR

Using a thicker plate construction and a Glass-Fibre envelope separator, we have been able to achieve a battery suitable for these tough cycling conditions.

VIBRATION

We have exposed the battery to the same G-forces as a modern fighter jet plane – without problem. As a professional user you will feel more secure in knowing that your battery will not let you down.

STE PLUG

STE is a new type of plug that has many advantages, no risk for acid spill, reduces even further the topping up requirement and increase the protection against accidental sparks and flames.

RECOMMENDED APPLICATIONS

- ★ Post 2000 Vehicles
- ★ Pre 2000 Vehicles with added electrical equipment
- ★ Innercity & Tourist Buses
- ★ Trucks with tail-gate
- ★ Trucks with refrigeration
- ★ Essential services
- ★ Fishing Boats



SUPER HEAVY DUTY

Technical Features

- Increased cycling +60% compared to standard
- Best endurance level according to EN (level E4)
- Superior anti-vibration resistance according to EN (level V3)
- Matching OE Quality, according to BLOCK EXEMPTION regulations
- Spill resistant due to STE plug technology
- Low water consumption
- Easy to recharge



Distributor Benefits

- Short range covering most popular applications
- Low self discharge rate long shelf life
- Carrying handles make carrying and installing easy

End User Benefits

- Increased cycling capability
- Optimal product life in extreme working conditions, longer life
- Best vibration requirements in class
- Clean and secure due to STE plug

BATTERY SPECIFICATIONS

Code	Voltage V	Capacity Ah (20h)	Cranking CCA (EN)	Dimensions mm	Layout	Terminal	Hold Down	Details*
SHD								
140 482	12	140	760		3	1	800	9, 14, 36
180 484	12	185	1100		3	1	800	9, 14, 36
220 416	12	220	1150		3	1	800	9, 14, 36

*For more information about “Details” see our price lists or fitment catalogue.

- Always replace both batteries in a 24 Volt system for optimal economy.
- If external charging is needed we recommend intelligent voltage-controlled chargers.



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