

# We don't follow. We lead.

No technology is better than one that is constantly improving. Here we are.



Creating the future – the Exide way:



Innovation



Reliability



Sustainability



High Performance

GNB Industrial Power becomes  
**E** / a division of Exide Technologies  
[exidegroup.com](http://exidegroup.com)

**Sprinter**<sup>®</sup>

**E** / **ENERGIZING  
A NEW  
WORLD**

# The new Sprinter Pure Power. Your ace that protects your data 24/7.

Paves the way to the future with the most advanced thin plate pure lead AGM technology (TPPL) offering the highest power.



# A pioneering technology enters the next level.

The perfect answer to the needs of our customers.



**Data centers** need reliable and advanced data security backup systems in case of a power outage. Demands in relation to performance and cost savings are high. This is the best choice to get the highest power and reduce energy costs – while becoming greener.



**Commercial and industrial** entities cannot afford to experience power interruptions that could disrupt their operations and cause financial losses.



**Telecoms** are faced with the challenge of keeping operating costs as low as possible and need smart, reliable, and sustainable battery solutions to let communication run.



**15-20%**

space saving

**20%**

higher lifetime

**20%**

more power at high-rate discharges

- Bringing advanced AGM technology to the next level
- Made in Europe on fully automated production lines with seamless quality controls (Industry 4.0)
- First choice for reliability, durability, and performance
- Lead batteries can be fully recycled (circular economy)
- Contribution of self-generated renewable energy through our own solar parks

# Beyond pure lead. Setting new standards.

The world is becoming increasingly digital. Data centers in particular are experiencing high workloads and need to increase the capacity of their facilities but at the same time operate cost-efficiently and sustainably in order to remain competitive. Exide, as a forward-thinking company, has taken on this task to safeguard data centers with state-of-the-art energy storage solutions.



**Best EUR per watt offer in the market.**

- Increased electrode surface for **highest power**
- Thin plates for maximum energy transfer
- Reduces Total Costs of Ownership (TCO)
  - Space saving of up to 20%
  - Longer battery lifetime

**Polypropylene container and lid**

- Very low permeability

**Inter-cell connectors**

- Through the partition welding (TTP) for reduced electrical resistance
- Optimized discharge cross section

**Negative plate**

**AGM separator**

- Extremely low electrical resistance

**Positive plate**

**Terminals**

- Reliable high frequency induction pole welding

**Thin plates pure lead (TPPL) positive electrode**

- Extremely low corrosion rate
- High number per cell increasing the active electrode surface



**Pure lead AGM technology**  
for a very long design life



**Highest electrode surface**  
for power and best performance



**Thin plates**  
for maximum energy transfer



**High energy density**  
for space savings

# Those who lead should leave a green footprint.

The world is evolving and with it the demands on energy supply. Together, we can work to leave a future worth living for generations to come.



## The world is changing. That's why we are energizing a new world.

For Exide Technologies, now is the time to release new energies to move even further into the future. Our new claim **"Energizing a new world"** is designed to convey this aspiration. We want to bring change to life, face challenges together with our partners, and develop solutions for today and tomorrow. **Let's create the future – the Exide way:**



**Innovation** is the engine of technology leadership. That's why we are constantly evolving, remain self-critical, and continue to inspire our customers. We believe that great questions deserve great answers, which is what our innovative R&D is responsible for.



**Reliability** defines our business. This applies to our products as well as our innovative development work, services, and partnerships. We have a responsibility that doesn't stop with our products, but rather starts there.



**Sustainability** is an important part of our responsibility. That's why we rely on renewable energy and intelligent recycling concepts.



**High performance** is the standard we set for our products and services. We want all our solutions to be best in class. This gives our customers the certainty of being optimally equipped for any task.

# Compromise?

## No way!

Our biggest investment for a new state-of-the-art AGM production line.

Exide Technologies has expanded its future by recently inaugurating a new state-of-the-art production line fully dedicated to its latest advanced pure lead AGM batteries in the battery production facility in Castanheira do Ribatejo, Portugal. Embracing solar power is the path to sustainability. These production and recycling facilities feature two solar parks backed by a reliable Sonnenschein A600 gel battery energy storage system, enhancing control and self-consumption of renewable energy.

#### Castanheira plant in facts & figures:

- Battery plant founded in 1950 – installation of new advanced AGM production line in 2023
- Total size: 168,000 m<sup>2</sup>
- Exide Technologies recycling facility in close proximity

#### Solar park installed in 2019:

- Combined capacity of 4.5 MWp across production and recycling facility
- Carbon emissions **reduced by more than 20%** across both sites
- Energy produced could supply over 1,500 homes
- 11,250 photovoltaic panels and 70 inverters

“As a market leader in energy storage solutions for data centers, I am proud to announce the latest generation of AGM batteries – Sprinter Pure Power. These most advanced pure lead AGM batteries for UPS (uninterruptible power supply) and data center applications are produced on fully automated manufacturing lines (#industry 4.0) with automated quality controls at each production stage. Thanks to its closed-loop recycling, powered by solar energy from one of the biggest solar parks with energy storage in Europe, the Sprinter Pure Power has the smallest possible carbon footprint.”



**Serge Arbes**, Senior Business Director Global Energy Solutions at Exide Technologies

The solar park in Portugal shows our path forward for looking to reduce energy costs and manage carbon emissions. Solar provides a cost-effective and renewable source of energy. Stored energy can be used at night and in reduced sunlight, further reducing emissions and dependence on the grid.



# Fits neatly into the family.

With our extensive product portfolio, we have the perfect battery solution for every project. We provide you with competent advice, project support, and an installation service. Our application expertise with best-in-class online tools ensures that every customer can find the perfect battery technology for their requirements.

## Battery ranges & application coverage

Application		Sonnenschein						Marathon			Sprinter			Absolyte	Powerfit	Classic							
		A400	A400 FT	A500	A600	Solar	Rail	Power Cycle	M-FT	Power Cycle	L/XL	Pure Power	P/XP	XP-FT	GP/GX	S100/ S100L/ S300	OCSM	OPzS	Energy Bloc/ OGI	OPzS Solar	EnerSol	Rail	
UPS	Data center																						
	Commercial & industrial																						
Telecoms	Stable grid																						
	Poor/off-grid																						
Electric utility	Power generation																						
	TSO/DSO																						
	Stable-grid BESS																						
	Poor/off-grid BESS																						
Solar-powered equipment																							
Emergency & security	Alarm systems, CCTV																						
	Emergency lighting																						
Railway	Signaling & infrastructure																						
	Rolling stock																						

■ best fit/highly recommended ■ good fit/recommended ■ possible/recommended ■ not recommended/still possible

# Long live the new Sprinter Pure Power.

## Technical features:

- Thin Plate Pure Lead technology (TPPL)
- Design life: 12+ years at 20 °C (until 80% nominal C<sub>10</sub>)
- Maintenance-free (no topping up) during the whole service life
- High-compression Absorbent Glass Mat (AGM) technology
- Power (10 minutes) from 1978 to 5006 watt
- Flame-retardant UL 94 HB or flame-retardant UL 94 V-0 version
- Very low gassing due to internal gas recombination (99% efficiency)

## Standards & certifications:

- EUROBAT 2022 classification: >12 years – very long life
- No restrictions for rail, road, sea, and air transportation (IATA, DGR clause A67) – trouble-free transportation of operational blocks
- Approval: UL (Underwriters Laboratories)
- Designed in accordance with IEC 60896-21/22
- Manufactured in Europe in our ISO 9001 certified production plants



For further information please scan the QR code to view the data sheet.



Design life 12+ years



Nominal capacity 56.4-195 Ah



Block battery



Grid plate



Recyclable



Valve regulated lead-acid batteries



Maintenance-free (no topping up)



Special high current performance

# We don't imitate. We innovate.

We don't just develop good technology,  
we break new ground!

## Sprinter Pure Power

Welcome to our most advanced data backup with the latest generation of thin plate pure lead AGM technology. Best example to illustrate our mission: Even the hottest technology can still get improved.

We are technology-agnostic and always search  
for the best possible solution for our customers.

## Solition Data Center

Solition Data Center offers a cutting-edge lithium-ion based energy storage solution for data centers that need reliable and efficient backup power. Provides high cycle stability, outstanding performance, inherent safety features and durability.



And never stop thinking in all directions.



## Solition Mega

Renewable energy supply is harder to predict, and production can be more volatile. Data centers can help reduce the volatility in the power grid by promoting the transition towards green energy and, in the process, generate revenues from their UPS. No matter what size, Solition Mega energy storage systems provide a reliable and efficient solution for a wide range of energy storage needs.





# Energy that goes beyond.



- Automotive plant
- Industrial plant
- R&D facility
- Recycling
- Global HQ
- Principal sales offices  
+ sales offices and distribution centers worldwide



<p>All manufacturing plants <b>ISO 9001</b> certified</p>	<p>All automotive plants <b>IATF 16949</b> certified</p>	<p>All manufacturing plants <b>ISO 14001</b> certified</p>	<p>All manufacturing plants <b>ISO 50001</b> certified</p>	<p>Most manufacturing plants <b>ISO 45001</b> certified</p>
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TECHNOLOGIES