



INDUSTRIAL POWER SOLUTIONS

PREVENTIVE MAINTENANCE PROGRAM

We provide scheduled battery testing, cleaning and watering. That means PowerCare keeps your fleet moving and profits growing.

FIELD REPAIR SERVICES

When troubles do occur, call Interstate PowerCare. Interstate will get your batteries and chargers evaluated and provide on-site repairs, when possible. If the product does have to be brought into our shop, we provide a wide variety of loaners at no charge. We can also provide rentals for long-term solutions and on-site repair of your battery handling equipment by factory-trained technicians.

BATTERY RESTORATION

You can count on the battery experts at PowerCare to handle all of your battery needs. We provide complete restoration services including gravity adjustments, capacity testing, cell replacements, cable replacements, resealing, battery wash and painting – making your batteries perform like new.

BATTERY ROOM DESIGN

Your battery room is as important as the battery. That is why our team will evaluate your power needs, location and cost. Then we can design the most efficient arrangement of batteries, chargers, watering systems and battery handling systems for your individual needs.

FREE TRAINING, INITIAL INSPECTIONS, ETC.

PowerCare provides product and application education at all levels free of charge. Initial Battery and Charger evaluations are performed at no cost to enable our customers to make informed decisions about their present or future Capital Expenditures.

**Interstate PowerCare
Corporate Office**

10200 Plano Road
Dallas, TX 75238
888-813-5049 Toll Free
469-221-4613
Fax 469-221-4633

interstatepowercare.com



INDUSTRIAL POWER SOLUTIONS

ENERGY-PLUS™*
MOTIVE BATTERIES



The Ultimate Power Source

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ENERGY-PLUS™ – THE ULTIMATE POWER SOURCE

When your operation depends on a heavy-duty battery – a battery that can stand up and deliver even under the most punishing conditions – you can depend on the power of Interstate PowerCare® ENERGY-PLUS.

THE RIGHT POWER SOLUTION

Want to increase your productivity with less downtime and less change outs? If so, you need to determine which power solution option is right for you: (1) buy more standard capacity batteries, or (2) buy high-energy batteries.

In order to make that decision, you must first understand your needs or existing battery problems. Ask yourself these questions:

- Do your current batteries have trouble lasting a full shift?
- Do you experience short battery life?
- Do you expect your duty cycle to become more demanding?
- Do your trucks operate in harsh conditions?
- Are your trucks required to make long runs and high lifts?
- Do your trucks operate with attachments that demand added power?
- Do you require at least five years of trouble-free power?

If you answered “yes” to any or all of these questions, then a high-energy battery might be the right solution to meet your needs. And not just any high-energy battery, but the ENERGY-PLUS battery distributed by Interstate PowerCare. What’s the difference you ask?

POWER BY DESIGN

All high-energy batteries are not created equal!

Some battery manufacturers of high-energy batteries use an increase in specific gravity to achieve more power.

The ENERGY-PLUS battery by PowerCare, on the other hand, employs a unique multi-plate design to pack more active material – and more power – into the same space.

The ENERGY-PLUS battery’s key to delivering both more power AND longer life is maintaining a proper balance of active material and electrolyte. Unlike other “high-energy” batteries that rely solely upon higher gravity acid to deliver higher output, ENERGY-PLUS uses additional full-size plates in a balanced electrolyte to produce higher sustained voltages and longer run times – without sacrificing longevity. This advanced multi-plate design means your batteries provide ultimate power for a longer time.

When you compare the lead/acid ratio between high-energy batteries and its standard counterpart, the proof is in the numbers. Take a look at the ENERGY-PLUS high-energy battery vs. the POWER FAST™ standard battery:

	High-Energy ENERGY-PLUS (12-E600)	Standard POWER FAST (12-85F-13)
Specific Gravity	1320	1285
Battery Weight	1032	972
AH Capacity	600 (+17.6%)	510
KWH Capacity	14.16 (+19.2%)	11.88
# of Plates/Cell	15*	13
Application	Heavy	Medium/Heavy

*ENERGY-PLUS offers (9-23 plate jar size) – two extra plates
(25-33 plate jar size) – four extra plates

POWER ON DEMAND

ENERGY-PLUS is specifically designed to stand up and deliver in the most demanding environments. For trucks that are operating in harsh conditions, making long runs, high lifts, and using attachments that require added power, ENERGY-PLUS is the battery that can keep them moving faster and working longer.

	SINGLE-SHIFT USER	MULTI-SHIFT USER
Batteries	1 – 1000 AH (800 Useable)	2 – 1000 AH (800 Useable)
Chargers	1	1
AMP Draw	875 AH	1800 AH (900 Per Shift)
Solution	2 Batteries or 1 ENERGY-PLUS (1125 AH – 900 Useable)	3 Batteries or 2 ENERGY-PLUS (1125 AH – 900 Useable)

ADDED BENEFITS

Let’s take a closer look at the ENERGY-PLUS battery’s construction and added benefits:

Up to 25% More Energy – ENERGY-PLUS delivers more power than conventional batteries without an increase in tray size. Added benefit: Allows trucks to operate longer per shift.

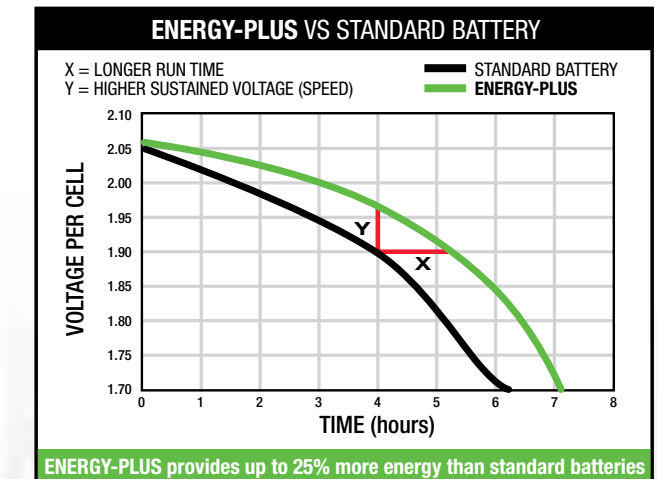
Longer Work Cycles – ENERGY-PLUS has a higher sustained voltage than any other battery in the industry. Added benefit: Your trucks move faster, work longer without recharging and experience less motor wear caused by excessive amp draw.

Longer Battery Life – ENERGY-PLUS is designed with a balance of active material and acid volumes for higher energy AND longer battery life. The ENERGY-PLUS battery maintains an estimated cycle life of 1500-2000 cycles,



INDUSTRIAL POWER SOLUTIONS

based on one cycle per day and 80% DOD. Added benefit: Longer life means less expense.



Lower Operating Costs – The ENERGY-PLUS battery offers an extended running time. Less change outs mean a reduction in spare batteries and chargers. And fewer batteries mean less water, fewer batteries to charge and less room required for battery storage space. Added benefit: A reduction in total ownership costs because of higher productivity and the need for fewer batteries.

Applications – The heavy-duty ENERGY-PLUS battery can be used in even the most punishing conditions. ENERGY-PLUS batteries are an excellent option for rapid or high-speed charging applications. Added benefit: Power that can stand up and deliver when you need it most.

For the right Interstate PowerCare power solution to meet your needs, please call 1-888-813-5049 for a PowerCare representative in your area.

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