

HYBRID ELECTRIC POWER
WITH NO COMPROMISES

GREEN YOUR FLEET AT 1/4
THE COST OF A FULL EV



Volta Power Systems

voltapowersystems.com

616-226-4222



BETTER PERFORMANCE

Faster lifts, more weight and lasts
all day from a single charge



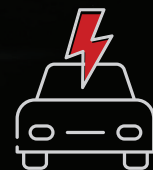
NO-IDLE AIR CONDITIONING

Integrated 58V compressor runs
factory A/C for operator comfort



EXPORTABLE POWER

Replaces generator functionality
- create your own microgrid







CHARGE WHILE DRIVING

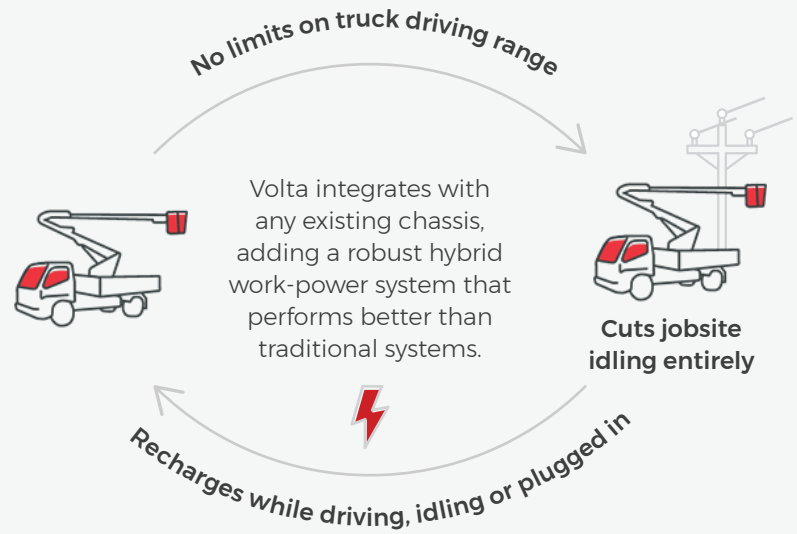
High output alternator charges
system while idling or driving

LITHIUM ION THAT KEEPS IT PROMISES

Unlike nearly all drop-in systems based on consumer-grade technology (used in laptops and toys), Volta provides access to the same reliable, robust technology that automakers have spent billions of dollars developing:

-  Run all day and quietly at night, enabling third shift work
-  Best-in-class hydraulic performance
-  Improved operator safety, health and awareness
-  Efficiently runs cabin A/C for driver comfort on hot days

HYBRID WORK POWER

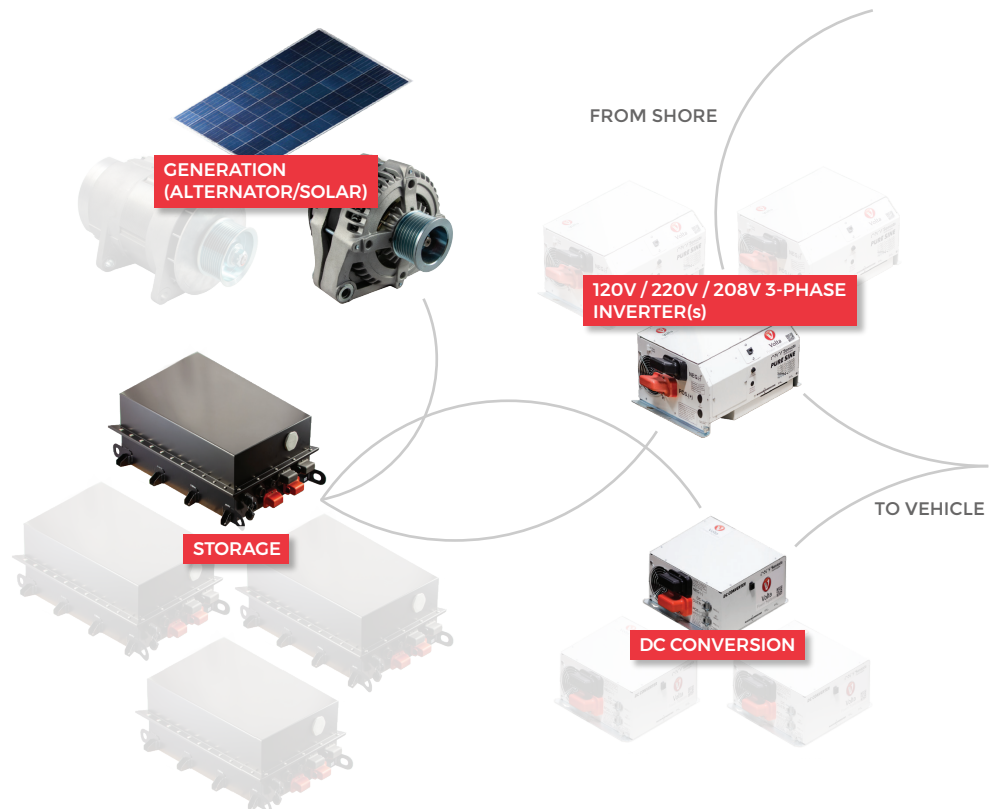


FASTEST ROI FOR ANTI-IDLING TECHNOLOGY

An idle-free worksite means reduced wear on the truck, lower fuel consumption and fewer oil changes. Your trucks spend more time getting stuff done and much less time in the shop. At **1/4 the cost investment of a full hybrid truck** (drivetrain), a Volta hybridized vehicle will quickly pay for itself. What's more, it qualifies for green fleet grant funding.

SCALABLE STORAGE, GENERATION & DISTRIBUTION

Built on a module-based platform, a Volta system can meet any capacity need from 3.3kWh through over 100kWh. This scalable approach also means you can customize under-the-hood generation to match charging needs and distribute power through a system of pure-sine AC/DC inverters (120V, 240V and 208V three-phase) and DC conversion to any voltage you need.



RAPID ROI

Idling is harder on your truck than you might think. Simply by eliminating idling, the Volta system can pay for itself in just a couple of years. The rest is money in your pocket.

UNDERSTAND THE COST OF IDLING

Cost of Idling	
Fuel cost per gallon	\$3.09*
Gallons per hour @ idle	1
Idle hours per day	8
Weeks idling per year	52
Cost per idling week	\$124.00*
Cost per idling month	\$536.00*
Idle cost per year	\$6,427.00*
Idle hours per year	2160
"Miles" per idle hour	30
Idle "miles" per year	64,800*

Chassis Maintenance Cost Assumptions		
Oil & Filter - every 15,000 miles or 500 hours		\$324.00*
Air Filter - Change per indicator (assume 500 hours)		\$125.00*
Diesel Particulate Filter - 200,000 miles or 6,500 hours		\$1,500.00*

Savings from Cutting Idling		
	12 Month	72 Month
Fuel Savings	\$6,427.00*	\$38,563.00*
Oil & Filter	\$1,400.00*	\$8,398.00*
Diesel Particulate Filter	\$498.00*	\$2,991.00*
	\$8,325.00*	\$49,952.00*

*Payback estimates based on industry averages, and do not represent a guarantee of performance. Regional pricing, routes, market changes and other factors all affect ROI, which could be shorter or longer than one year.



TAKE THE NEXT STEP

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