

STOP HAULING GENERATORS

ISO 9001:2015



Power Your
Campsite,
Jobsite, or
Adventure

Directly From
Your Vehicle.



24-VOLT & 48-VOLT ALTERNATORS AND DUAL ALTERNATOR MOUNTING SYSTEMS

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1035 Data Lane
Knoxville, TN 37932

1 (888) MECHMAN

www.mechman.com
contact@mechman.com



SCAN TO LEARN MORE



THE PROBLEM

-  FUEL
-  NOISE
-  MAINTENANCE
-  WEIGHT
-  THEFT
-  STORAGE
-  LIMITED RUNTIME
-  CARBON MONOXIDE



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⊗ THE OLD WAY

- Noisy
- High Maintenance
- Needs Fuel
- Heavy



THERE HAS TO BE A BETTER WAY.

VEHICLE-POWERED ENERGY

- Quiet
- Low Maintenance
- No Extra Fuel
- Always with you

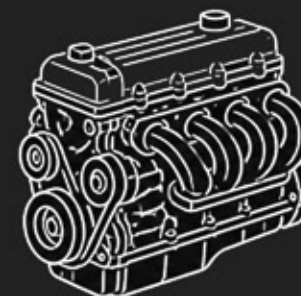


Your truck already has an engine capable of producing electricity.
Let's put it to work for you.

THE SOLUTION

MEET THE MECHMAN® 48V ALTERNATORS

The Elite Series™ & IdleMax™ systems use a high-output 48V alternator to charge your battery bank and power your inverter giving you clean, quiet, reliable power on demand.



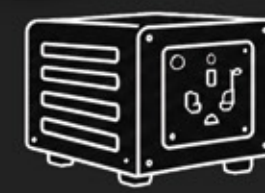
ENGINE
(Your Power Source)



ELITE™/ IDLEMAX™
48V ALTERNATOR



48V BATTERY
BANK



INVERTER 120V
AC POWER



SILENT
No generator noise



AUTOMATIC
Works when you need it



CHARGES
Driving or Idling



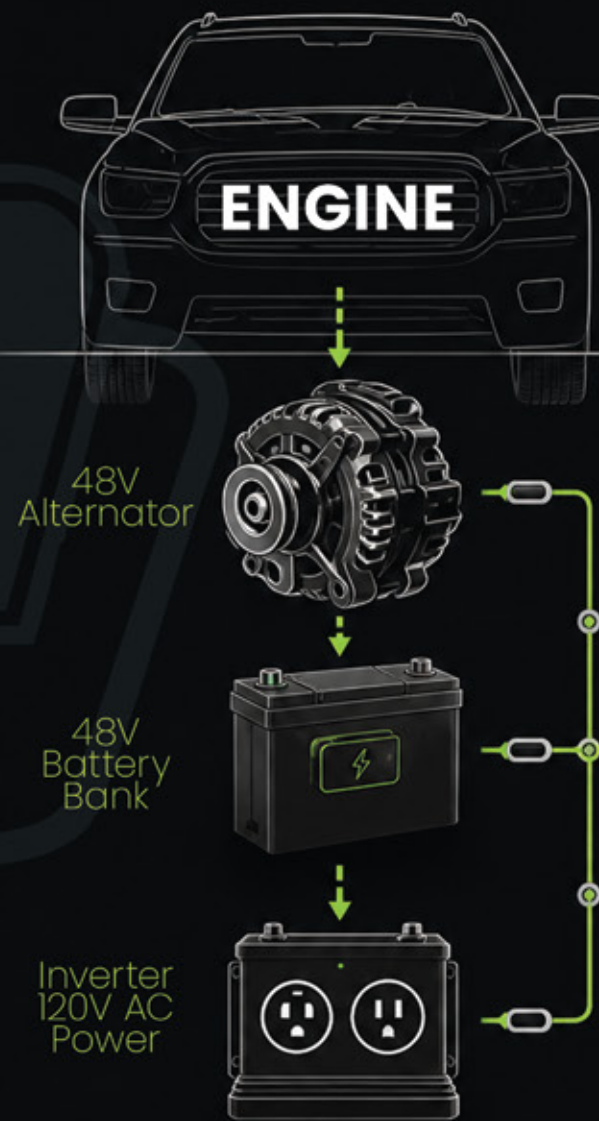
NO GASOLINE
No pull cords

More Power. Less Noise. **Total Freedom.**

HOW IT WORKS

Simple. Smart.
Reliable.

- 1** Start your vehicle.
- 2** The 48V Elite Series™ or IdleMax™ Alternator produces high-output power.
- 3** Power is used to charge your 48V battery bank.
- 4** Your inverter converts stored power to 120V AC.
- 5** Power your equipment, appliances, and tools.



TYPICAL PERFORMANCE*

DRIVING

Charges batteries quickly for maximum capacity.

IDLING

Maintains batteries and powers your gear.

RECOVERY

Recovers deep-cycle batteries faster with 48V power.

**Performance varies by system, vehicle and battery.*

POWER YOUR ADVENTURE

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Coffee
Maker



Induction
Cooktop



Starlink™



Laptops
& Devices



Lighting



Refrigerator



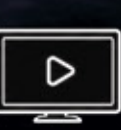
Battery
Chargers



Drone
Batteries



E-Bikes



Entertainment

Everything you need. **Everywhere you go.**

POWER YOUR CAMPSITE



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Air
Conditioner



Microwave



TV &
Entertainment



Water
Heater



Induction
Cooktop



Refrigerator



Power Tools



WiFi



Medical
Equipment



Lighting

POWER YOUR JOBSITE

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Power
Tools



Air
Compressor



Welder



Job Site
Lights



Battery
Chargers



Concrete
Tools



Saws



And More...

Quiet comfort. **Total independence.**

No generator. No downtime. **Just power.**

COMPATIBLE POLARIS™ 12V CHARGING SYSTEMS

More Power.
More Capability.

High-output charging solutions designed for Polaris® vehicles and the accessories you rely on.

PERFECT FOR



Hunting



Trail Riding



Farming



Search & Rescue



Construction



Land Manage



Snow Removal



SCAN TO VIEW OUR
12V HIGH OUTPUT
ALTERNATORS
COMPATIBLE
WITH POLARIS™



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POWER MORE ACCESSORIES



Lighting



Winches



Cab Heaters



Sprayers



Audio



GPS



Radios



And More

REAL-WORLD APPLICATIONS

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One Solution. Unlimited Possibilities.

MARINE

Charge batteries at the launch.



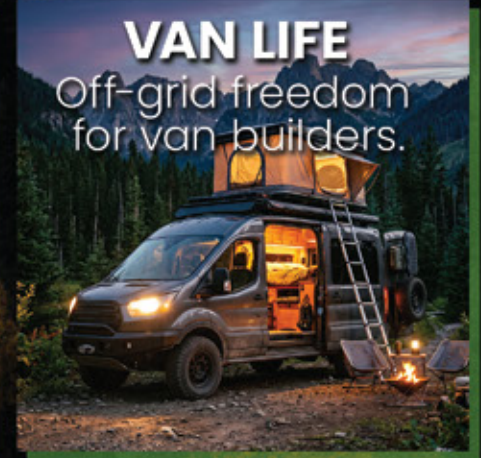
EMERGENCY RESPONSE

Reliable power when it matters most.



VAN LIFE

Off-grid freedom for van builders.



EVENTS & MOBILE

Power your events, anywhere.



AGRICULTURE

Power equipment in the field.



FLEET & COMMERCIAL

Keep your fleet productive.



Built for every lifestyle, **For Every Mission.**

FEATURED PRODUCTS

Built for performance. Built to Last.

48-Volt Elite Alternator –
GM Vortec/Duramax
Truck Mount (LiFePO4) –
Externally Regulated



48-Volt IdleMax™ Alter-
nator – Compatible
with GM™ Vortec™/Dur-
amax™ Truck Mount –
Externally Regulated



24-Volt, 80-Amp Elite
Series Alternator for
Ford T-Mount W/ 6
-Groove Pulley



400 Amp Green Billet
High Output Alternator
for 2014-2018 GM Truck



Dual Bracket Black
2005-2013 GM Trucks
w/4.8L, 5.3L, & 6.0L (In-
cludes 2 x Billet 400
Amp Alternators)



Dual Bracket Blue
2014-2018 GM Trucks V6
& V8 Gas (Includes 2 x
Billet 400 Amp Alterna-
tors)



2013-2018 RAM 6.7L
Cummins Dual
Alternator Bracket Kit
(Billet)



7.3L Godzilla Dual
Alternator Bracket Kit
(Includes 1 x 7796400)



WHY CHOOSE **MECHMAN** ALTERNATORS

Built by people who
Demand More.



**ASSEMBLED IN
THE USA.**

Built in Knoxville,
Tennessee.



**ISO 9001:2015
CERTIFIED**

Quality
Management
System – Certified
by NQA.



**BUILT FOR
PERFORMANCE**

Built to deliver
maximum output.



**RIGOROUS
TESTING**

Tested for
reliability and
performance.



**DEALER
NETWORK**

Nationwide
network of
authorized
dealers.



**TECHNICAL
SUPPORT**

Real people.
Real answers.



**BEST
WARRANTY**

Backed by one
of the best
warranties in
the industry.

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**VISIT US
ONLINE**

See all of our
products online at
Mechman.com

Innovation. Quality. Reliability.
That's the Mechman Difference.

Configured and built to **Deliver Maximum Output.**

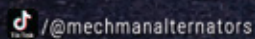
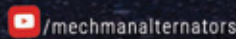
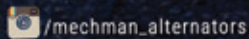
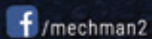
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Power Your Life with **48V.**TM



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