



COYLE
SOLARPOWERPLANT

Power Distribution

10 kVa **40** Amp Service

Dual Axis Tracking Array

32.25 kWh Max Daily Gen

BESS

16 kWh

240 VAC / 60 Hz | 4.3 kWp PV x 7.5 Sun Hours STC | 51.2 VDC x 314 Ah

COYLE
SOLARPOWERPLANT

Power Distribution

20 kVa **80** Amp Service

Dual Axis Tracking Array

32.25 kWh Max Daily Gen

BESS

32 kWh

240 VAC / 60 Hz | 4.3 kWp PV x 7.5 Sun Hours STC | 51.2 VDC x 628 Ah

10⚡32⚡16 ☉ 20⚡32⚡32



COYLE SOLARPOWERPLANT

POWERFUL AC DISTRIBUTION

Each Inverter in a **CSPP** Delivers **11Kva/22Kva – 240VAC/60Hz**, and with **2 CSPP** Dual Inverter Configurations, your **CSPP** Micro Grid Delivers Continuous **80 Amps** of Power but with **180 Amp Surge Capacity!**

EXPANDABLE MODULAR DESIGN

Synchronize Multiple **CSPP** Units Delivering up to **99kVA** Continuous Power and **198kVA** surge capacity — and Provide Enough Power for Commercial Businesses, Large Construction Operations, EV Charging Station, Multiple Homes, with Critical Back-up Power.

DISPATCHABLE POWER, DURABLE ENERGY STORAGE

Connected To The Grid, Each **CSPP** Micro Grid Delivers Dispatchable Power turning your Power Plant into a Source of Revenue, and with Industry Leading Durability and an **8000** Cycle Warranty.

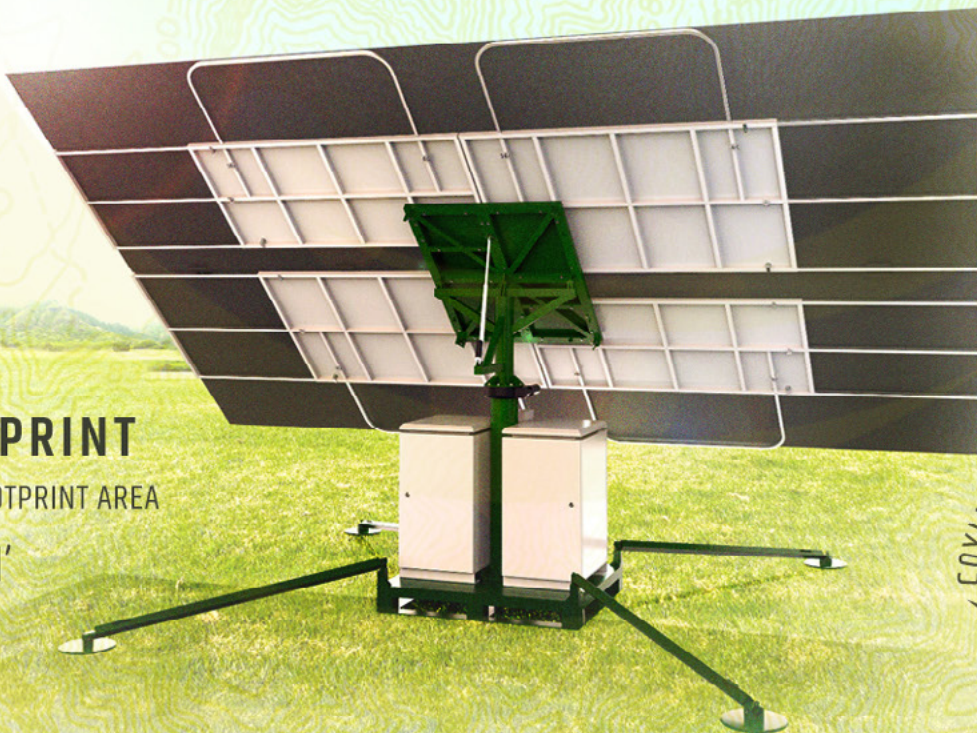
OPTIMIZED POWER RESILIENCY DENSITY

Each Coyle Solar **CSPP** DATA Generates **32.25kWh** on an average **7.5** sun hour day under standard test conditions.

FOOTPRINT

TOTAL FOOTPRINT AREA

16' x 21'



COYLE SOLARPOWERPLANT

PRIME POWER + STANDBY/EMERGENCY

100% Self Consumption of Solar Power — Fastest ROI.

REPLACES "WHOLE HOUSE" GENERATORS

Reduces/Eliminates Your Existing Electric Utility Bill — Something Generac Cannot Do!

POWER GENERATION THAT IS CHEAPER THAN DIESEL

ROI in Under 2 Years Factoring Fully Burdened Fuel Costs.

REMOTE SYSTEM MONITORING & CONTROL

Access Usage Data and Remote Control Anytime from Anywhere.

INTEGRATES LEGACY ICE EQUIPMENT

Unlocking Numerous Synergies & Cost Savings.

'RIGHT TO REPAIR' BUILT IN

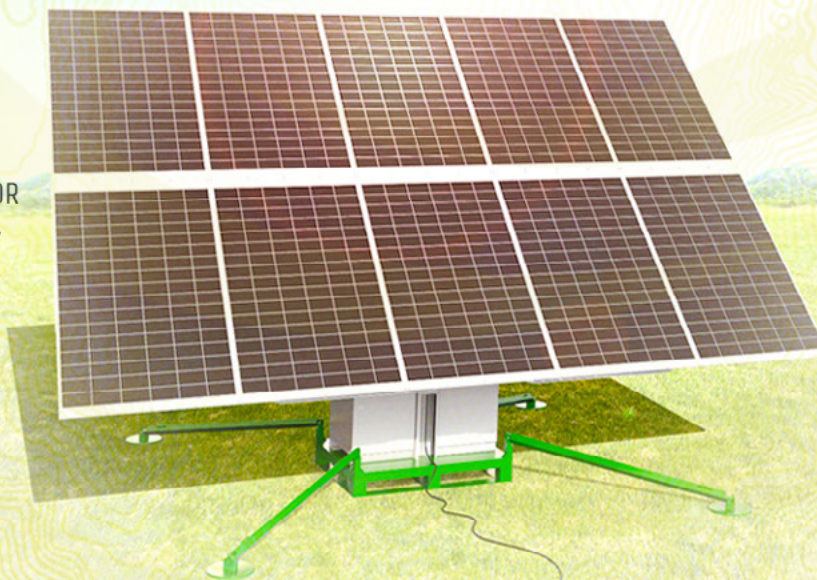
Field Serviceable & Full Technical Support.

4300 WATT DUAL AXIS TRACKING ARRAY

4.3Kw(DATA) 10 – 430W Ultra Robust EFTE PV Modules
with Premium Maxison Mono Crystalline Cells.

POWERS THE ENTIRE HOME

70-100% RESILIENCY FACTOR
FOR TYPICAL 25 KWH DAILY
HOUSEHOLD LOAD.



COYLE SOLARPOWERPLANT

STOWS & TRANSPORTS AS METAL CUBE

With Solar Panels Packaged Inside the Cube for Quick Deployment.

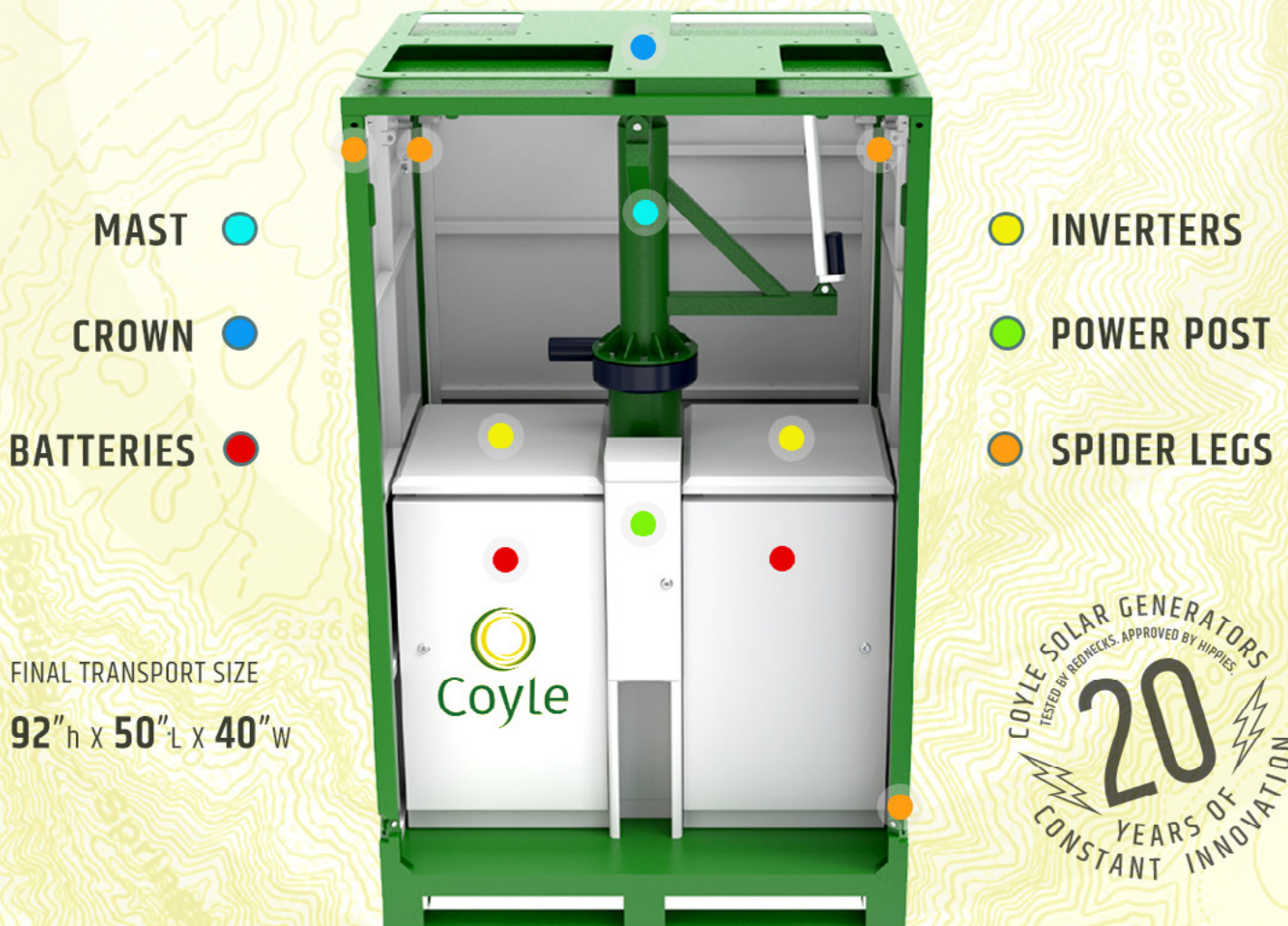
DEPLOY THE CSPP WITH A SIMPLE PALLET JACK

A Pallet Jack and Crew of **2** is All You Need to Deploy Almost Anywhere.

STATE OF THE ART DESIGN ALLOWS FOR EASY TRANSPORT

Move **16** Units per Shipping **40'** Container, **16** per **32'** Truck, and **2** per Pickup.

CUT-AWAY VIEW OF STOWED POWER PLANT WITH KEY FEATURES & SPECIFICATIONS

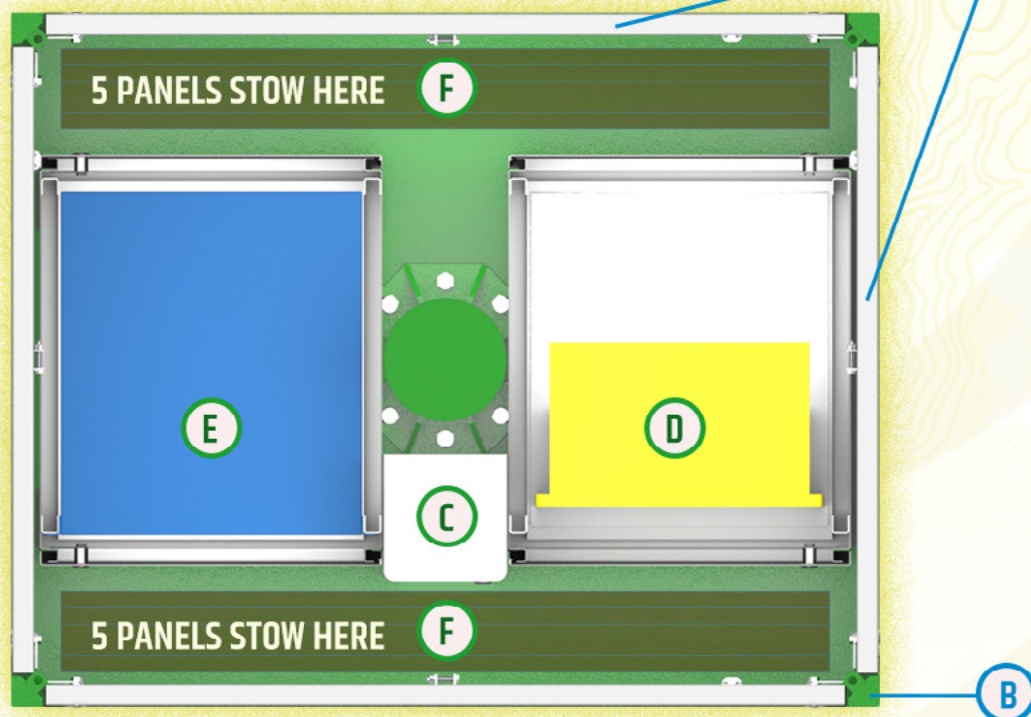


COYLE SOLAR GENERATORS
TESTED BY REDNECKS. APPROVED BY HIPPIES.
20
YEARS OF
CONSTANT INNOVATION

KEY COMPONENTS & SPECIFICATIONS

- (A) 4 — Aluminum Trays Convert from Shipping Walls to Array Frame
- (B) 4 — Corner Posts Convert to “Spider” Stabilizer Legs when Deployed and Allow for Stacking
- (C) 1 — Power Post with Inlets, Outlets, Synchronization Connection
- (D) 2 — 1 or 2 US Split Phase Hybrid Inverter(s)
- (E) 2 — 1 or 2 BESS **16kWh/32kWh** Storage
- (F) 10 — Solar Panels — **430W** Ultra Rugged and Flexible PV Modules

TOP VIEW OF UNIT STOWED FOR TRANSPORT



DON'T DO  DIESEL!

DISPATCHABLE POWER— DELIVERABLE POWER PLANTS

- Power plants are transported, stored and delivered fully commissioned and can be deployed by **2** people in less than an hour with no special tools or knowledge.

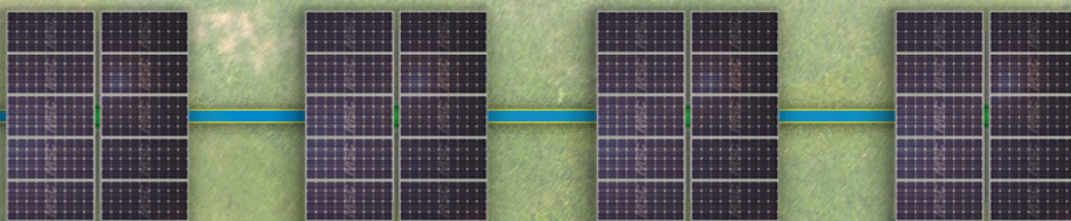
- The power plant features **4** AC power inlet circuits. Daisy chain up to **4 CSPPs** simultaneously with the grid and/or ICE Genset to achieve **3** layers of power redundancy.

- The power plants feature **4** auxiliary MPPT PV power inlets accepting an additional **25.7kW** of PV power.

- Each power plant features a Synchronization Port allowing **CSPP** inverters to be synchronized, **9** inverters total can be synchronized with a combined capacity delivering up to **99kVa** of continuous AC power and **198kVa** of surge capacity.

TOP VIEW OF 4 SYNCHRONIZED UNITS

Synchronize multiple CSPP microgrids and combine the power output of up to 9 inverters to deliver 99kVa/198kVa and provide enough power for commercial businesses, large construction operations, EV charging station, or multiple homes.

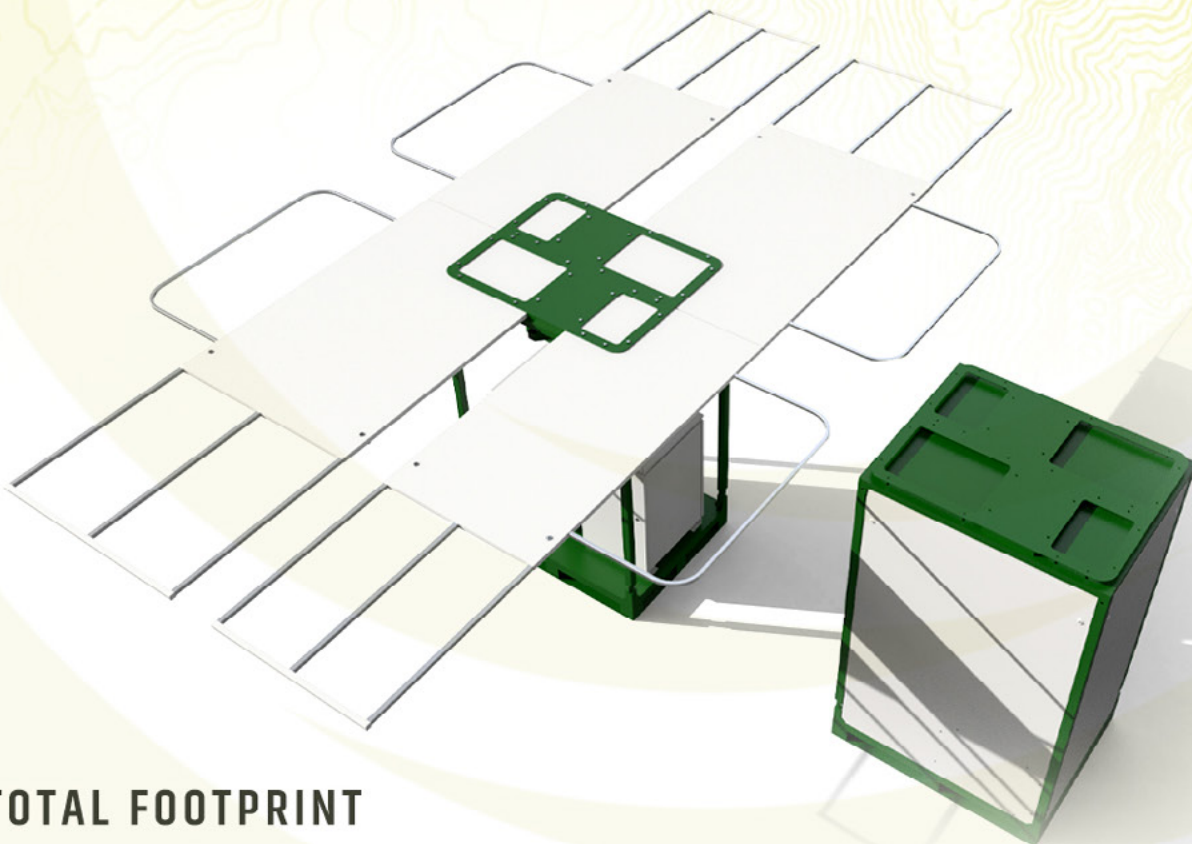


TOTAL FOOTPRINT APPROXIMATELY **150' X 50'**

MULTI LAYERED WIND PROTECTION

- Dual Axis Tracking Array with high weight low center of gravity: design is self ballasting, with exceptional high wind resistance.
- DATA sense and control deploys to flat position when high wind is detected.
- PV array design is wind spilling. Flexible modules are attached with specific cantilever creating a self feathering leading edge. This spoils the wing form and lifting force of array.
- PV modules are glass and aluminum frame free ETFE ultra robust modules that are rugged yet flexible, with highest hail tolerance factor available.
- PV modules fastened with "break away" fasteners that release under extreme force allowing modules to breakaway before catastrophic tip over event.

TOP VIEW OF ARRAY WITHOUT PANELS



TOTAL FOOTPRINT

16' x 21'

TAX CREDITS = BIG SAVINGS

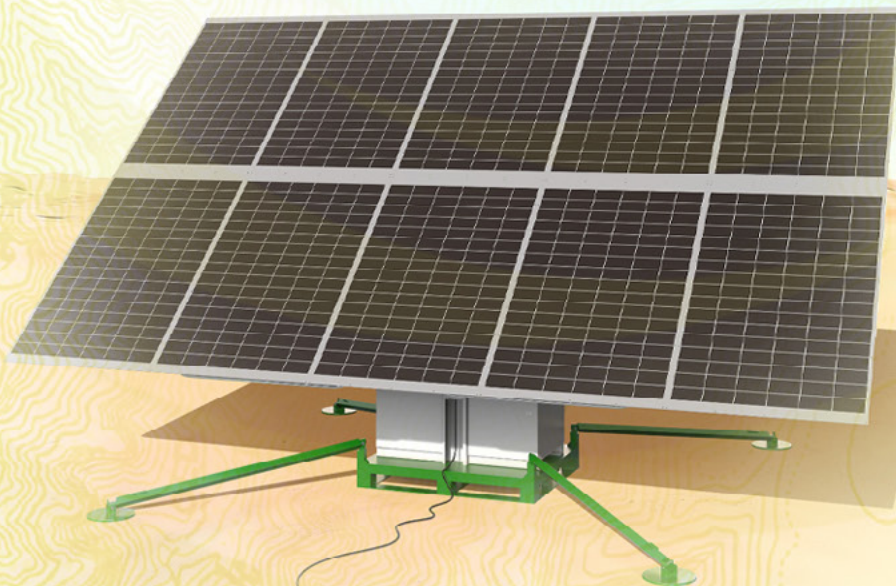
Purchase a Coyle Generator and receive a **30%** Investment Tax Credit rebate for the cost of the system. There may also be local and state tax incentives depending on where you live. These credits and incentives can really add up to big savings.

OUR 3/11/25 WARRANTY & GUARANTEE

At Coyle we are with you for the long haul. Our **3** year total warranty covers any manufacturing defects, and the manufacturer's guarantee for **11** years on the batteries and inverters, and **25** on the solar panels, means that if something should go wrong — we've got you covered.

COYLE GENERATORS RUN 24/7 AND LAST FOR DECADES

Our power is consistent and continuous without the noise, mess or exhaust. We will fine-tune your energy needs to our generators creating an accelerated ROI with exceptional efficiency for decades.



THE COYLE ADVANTAGE

1 ROI IN 2 YEARS ON FULLY BURDENED FUEL COSTS

With a Coyle Prime Power/Back-up Battery Generator — you don't pay for fuel, maintenance or the engine rebuild at **10,000** hours.

2 DUAL AXIS TRACKING ARRAY

The array follows the sun throughout the day increasing daily yield by **40%** versus fixed arrays and auto stows for high wind events.

3 IMMEDIATE DEPLOYMENT IMMEDIATE POWER

No permits or inspections required. Faster deployment at a much lower cost than ICE generators.

4 NO MAINTENANCE NO MESS, NO COST

No need to dispose of oil or coolant, no labor costs for maintenance. A Coyle Generator has a **10** year duty cycle vs. a **1-3** year lifetime for a ICE generator.

5 ELIMINATE FUEL COSTS FOREVER

Avoided costs equal retained earnings. Not "just green", simply better, more profitable. Sunlight arrives every day free of charge.

6 DESIGNED FOR USE IN THE REAL WORLD

Designed in America for continuous use in austere environments and heavy duty cycles.

7 RUNS SILENT, RUNS ALWAYS

A PG Generator will run silent **24/7** on sites with heavy pedestrian traffic, animals or noise sensitivity requirements. Your crew will love the silent power.

8 INCREASE POWER OUTPUT EASILY

The modular system is built to add more power with additional arrays and batteries at any time in the future.

9 PORTABLE & PERMANENT POWER INFRASTRUCTURE

Our generators ship on a standard pallet and arrive already commissioned, ready to provide electrical power permanently in a few hours.

10 EASY TO INSTALL & OPERATE

Find a place where the sun shines and have power in approximately **2** hours — with no specialized tools or labor required.

11 REQUIRES NO SITE MODIFICATION

Deployable on any relatively flat area. Can be used on non-porous surfaces and on porous surfaces like gravel — and even bare dirt.

12 NO EMISSIONS NO KILL HAZARD

Combustion generators kill thousands worldwide. No hazardous fumes, no flammable liquid = no accidents or death.



Don't do diesel or settle for less. With a Coyle Generator, you'll be free from fuel dependency and ever increasing costs, while having the power to manage usage and maximize efficiency **24** hours a day from anywhere in the world.

[Request A Consultation](#)



COYLE SOLAR

226 NORTH FRONT STREET #153, WILMINGTON, NORTH CAROLINA 28401, UNITED STATES | 910 465 9139

© 2026 Coyle Solar. All Rights Reserved.