GREEN HALO FOR “DIRTY BUSINESS” IN REMOTE LOCATIONS
GREEN HALO FOR “DIRTY BUSINESS” IN REMOTE LOCATIONS
MOBILE, SOLAR-POWERED NANOGRID
Powerful, Practical, Zero Emissions

Electric Cargo Motorcycle for Fleet & 1st Responders

HOW FAR
50 miles/charge

HOW FAST
70 mph

CHARGE TIME
5 hours

LOAD
400 lbs
OUR NANOGRID IS A PLATFORM FOR VERTICAL MARKET SOLUTIONS

CLEAN WATER PRODUCTION
DISASTER RELIEF
MILITARY
FIRST RESPONDER
POWER FOR REMOTE LOCATIONS
EV MOBILITY
Our NanoGrid is a platform for vertical market solutions.
OUR NANOGRID IS A PLATFORM FOR VERTICAL MARKET SOLUTIONS

CLEAN WATER PRODUCTION

DISASTER RELIEF

MILITARY

FIRST RESPONDER

POWER FOR REMOTE LOCATIONS

EV MOBILITY
APPENDIX.
Mini-Fleet-in-a-Box™

- 4 Current Motor Nb Electric Motorcycles
- Telematics system/GPS
- Tablet
- Communications Center
- Folding Desk & Lights
- Repair kit & Spare parts
- Cleaning supplies
Mobile Solar NanoGrid

- 20’ x 8’ x 8’
  (std. shipping container)
- 11,000 lbs
- 3 kW from 12 panels
- 22 kWh Battery Storage
- 15 kWh/day
- 8 kW of 110/220 power from 5 AC ports
- -20-120 ° F
- Radio Communications

Options
- Setup by 1 person < 20 minutes
- More Battery Storage & Power Ports Available
- Transport by truck, train, ship, heavy-lift helicopter
TECH SPECS:
ELECTRIC MOTORCYCLE

- 70 MPH top speed
- 50 mile range
- $0.01 per mile to operate
- 5 hours for full charge
- 110v, 220v, SAE J1772 connector
- 3 phase permanent magnet brushless Hub Motor
  8kw nominal; 15kw (20 hp) peak
- Lithium Iron Phosphate (LiFePO4) Battery
  72 volts; 4.6 kWh
- Curb weight: 400 lbs
- Carrying Capacity: 400 lbs
TELEMATICS

- Vehicle location & movement data
- Onboard logging
- Vehicle diagnostics data collection
- Storage into a central database
- Wireless real-time transmission using cellular data, WiFi, or Rf
- Additional data port for customer integration (sensor data collection, or custom data transmission)
- Energy usage tracking
- Fleet-specific data
- Custom capabilities and integrations
SIGNIFICANT INTELLECTUAL PROPERTY

**Patents**
- Solar Nanogrid (patents pending)
- Electric Hub Motor (broad patents issued)
- Bike Control Unit (patent allowed)
- Motorcycle Design (patent issued)

**Trade Secrets**
- Proprietary Battery Management System
- Proprietary Powertrain (Software & Hardware)
- Proprietary Telematics Platform