



EcoKit

Remote Solar and Wind Power Generator for Surveillance Systems

The EcoKit, solar and wind energy generator, provides a green power source for diverse environments where today's camera systems are required. This equipment accommodates a wide range of features including: wireless communication hardware, IP cameras, and edge recording.

Leveraging both solar and wind technology, the EcoKit provides a steady 12Vdc power source to camera systems and peripheral components. Surplus energy is stored in a two-battery backup system that can provide up to five days of continuous power draw*.

The rugged EcoKit thrives in a variety of weather conditions. This geographic versatility coupled with optional cameras, and custom poles yields a green power solution that fits most of today's challenging environments.

Available Features

- Green technology converts solar and wind energy to useable 12Vdc power
- Wind turbine provides added charge capacity day or night
- Encapsulated high-grade solar cells resist harsh weather
- Battery storage for up to five days at a continuous 20W load (based on a basic 2 battery system, in a no wind total blackout situation)
- Low maintenance and operating costs
- Compatible with a variety of accessories

* Fully charged batteries

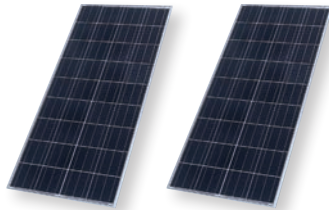


ECO KIT

ADVANCED BATTERY-BACKUP, WIND TURBINE & SOLAR CELL TECHNOLOGY FEATURES:



Wind Turbine:
A wind turbine adds charge capacity.



Solar Cell Technology:
Two monocrystalline Grade A photovoltaic cells deliver efficiency. Panel life expectancy is 20+ years.



Power Supply Source:
Two battery backup system, sized to provide up to 5 day continuous energy supply at 20W, in a no wind total blackout situation.



Battery Enclosure:
Lockable weather proof pole / wall mount enclosure protects batteries, voltage stabilizer, and easy access door-mounted controller.

The Fully Customizable EcoKit system is compatible with:

- Edge Recording Devices – Network Attached Storage (NAS)
- Wide Variety of Domes & Housings: Pressurized, Vandal Resistant, Environmental
- Wireless Communication: 2.4/5.8GHz, 900MHz and cellular (LTE)
- IP Reset feature for auto resetting locked IP systems

EcoKit Includes:

- 2 - Solar panels
- Solar panel pole mounting kit
- Wind Turbine
- Turbine pole adapter bracket
- 2 - 110amp hour batteries
- NEMA battery / controller enclosure
- Controller
- 12Vdc Voltage stabilizer
- 7 - 5/8" SS straps
- 2 - 3/4" SS straps
- Pre-configured wires
 - 1 - 12/3 Cable for wind turbine
 - 2 - 12/2 Cables for solar panels
 - 1 - 12/2 Cable to power output <camera input>
 - 2 - Battery harnesses

ACCESSORIES:



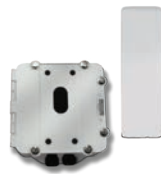
RP70BAT110
(Replacement Battery 110Ah)



FCH and PB26LG
(Cellular option)



VLRM58
(Wireless 5.8GHz MIMO access point)



PB24M58
(Wireless 5.8GHz MIMO transmitter)



P1600
(Rugged outdoor pole)

Solar Panel Specifications (Qty. 2)

Cell:	Monocrystalline Grade "A" Silicon
Dimension (L*W*D):	44" x 32" x 1.4" (1110 x 808 x 35mm) (EACH)
Weight:	26 Lbs. (11.8 Kg.) (EACH)

Battery Specifications (Qty. 2)

Nominal Voltage:	12 Vdc
Rated Capacity:	220Ah (110Ah/ Battery)
Dimensions (H*W*D):	9.0" x 9.5" x 6.8" (520 x 270 x 173mm)
Weight:	72.75 Lbs (33 Kg) (each)
Capacity:	Up to 5-day battery backup (fully charged) (@20W continuous draw)

Output to 12Vdc Device Specifications (Camera)

Voltage:	12Vdc
Power:	Up to 20W

EcoKit

Unit Shipping Weight:	400 Lbs (181.44 Kg)
-----------------------	---------------------

MOOG

Sensor and Surveillance Systems