



Telecommunications equipment is changing rapidly to adapt to global environments without reliable power or local support. The OGPP Smart Off-Grid Power Pack solution delivers a highly reliable source of power using solar and hybrid solar, with built-in communications, and the ability to remotely monitor, control, and proactively manage these devices over the Internet. EcoSOLAR's expert service team provides the ongoing management service to deliver high reliability, long-life and peace of mind.

**Designed to support continuous loads in excess of 250W**

- Individual management and control of multiple solar panel sources
- Supports multiple batteries, using lead acid, lithium ion, or NiMH batteries

**Multiple power sources can be managed independently**

- Solar only
- Solar and grid-connect - provides ability to draw power from the grid if required
- Solar and diesel backup - with capability to send signal remotely to start and utilize when needed

**Loads can be managed independently (e.g. RAN, WiFi, microwave backhaul, satellite, routers, etc.) with ability to:**

- Do power and control restarts of individual loads remotely
- View energy consumed in real-time
- Track energy consumption against telecom traffic volume
- Set alarms to allow workaround for any unmet load requirement
- Emergency ride-through

**ILLUMIANCE CLOUD REMOTELY MONITORS, CONTROLS AND SERVICES THE SYSTEM**

**Remote monitoring and reporting**

- Monthly, daily and hourly REAL-TIME monitoring and reports
- Global performance, data analytics
- Dashboard map with location
- Forward-looking system performance based on integrated weather forecasting

**Remote troubleshooting tools including**

- Solar panel test, cabling and connectivity integrity, remote short circuit reset
- User-defined and configured alarms

**Long battery life**

- Lifecycle forecaster
- Remote battery maintenance and revitalizer
- Patented dynamic charging

**Industry leading platform security and encryption  
Easy installation and validation**

- Installer smartphone provisioning tool, customer and installer provisioning report
- No network or software installation and configuration – plug it in and it works with our Illumience Cloud management service, anywhere in the world!
- Color-coded connectors and more