



LEDOLAS

Lighting | Energy | Decontamination



Micro-Grid “Island Power” Sub-Station with integrated battery storage and management

Island Power is intended for remote private or utility managed electrical power generating systems powered mostly by ground based solar arrays. The scalable systems have an apparent power capacity from 60kVA to 1800kVA with battery storage from 13kWh to 2.2MWh. All system components are comprised of proven technologies and are deemed to be highly reliable and readily available worldwide. Our team has developed a turn-key solution of self contained modules in prefabricated 10 to 40 foot long sea containers. They are all "plug-n-play" and take little time to connect containers to solar power, diesel back-up or grid electrical sources.



2 MWh energy storage battery systems in five containers.

336 batteries per container (VRLA 2V-800ah).

Each container houses a Battery Management System, A 500 KWPCS, Low voltage power distribution system in cabinets, a centralized monitoring system, a Thermal Management System with UPS communication module.

Container life is 25 years.

Inverters & Major Electronics 5 year limited warrantee

Impact and Anti-seismic resistant design.

Marine grade anti-corrosive paint.

Short 45-days lead time.

