HYBRID POWER SUPPLY SYSTEM

POWER IQ

Fully integrated and adaptive
Off/On grid solution
FULLY INTEGRATED AND ADAPTIVE OFF/ON-GRID SYSTEM

LOAD GROUPS:
- EMERGENCY
- SMART
- HVAC
- STANDARD
- HIGH
- EMERGENCY

SMART HVAC

internet
FULLY INTEGRATED AND ADAPTIVE OFF/ON-GRID SOLUTION

• Integrated power generation, storage and load control
• Detailed electrical and environmental measurements
• Battery management, deep discharge protection
• Multilevel output load control, DMS - full demand site management
• Remote monitoring and management

BASIC SPECIFICATIONS: AND ADAPTIVE OFF/ON-GRID SOLUTION

Generator: PV panels
Auxiliary generator: diesel electrical generator, wind generator
Output: to be selected by customer (220V 50Hz, 110 V 60Hz or user defined, DC power available, multi standard available)
Output load groups: standard: 3 load groups (high availability, standard and emergency), customizable up to 16 groups
Storage capacity: various models available, every order is individually tuned to customer needs, standard solutions also available
Environmental groups: standard and tropical
Dimensions: depends on model
Storage: lead acid batteries
HVAC: air conditioning and ventilation with special AC/HVAC system based on environmental conditions. Fully controlled, monitored and logged by control system
Control system: based on smart green technology, fully distributed and fully customizable. Intelligent multilevel priority system (load groups), full data logging, smart grid functionality. Sensors: temperature, digital I/O, humidity, environmental monitoring, voltage, current, insolation, analogue I/O, motion sensor, smoke detection, water, fuel level and others. Access control (RFID, biometric,…).
Remote management: solar web remote web accessible software, full monitoring and management system. Smart grid remote cooperation system.
Communication: Ethernet, GPRS, GSM, satellite, SMS alarming

Your Partner