

**aselsan**

# **GURU***Net*

HYBRID ENERGY SYSTEM





# GURUNet

## HYBRID ENERGY SYSTEM

### Overview

GURU Net is a modular and scalable hybrid energy system which consists of PV solar modules, wind turbine, energy storage unit and diesel generator. The number of solar modules and the position of each solar module group can be arranged for each site to obtain maximum energy yield. Site specific analyses are conducted in order to determine the optimal system configuration.

### Technical Properties

#### PV Solar Modules

- Type : Mono or poly crystalline or thin film
- Power : Customizable / Application specific

#### Energy Storage

- Type : Lead-acid or lithium-ion
- Capacity : Customizable / Application specific

#### Diesel Generator

- Power : Customizable / Application specific
- Compliant with military or civil standards

#### Electrical Output

- Voltage : 220 VAC 1-phase or 400 VAC 3-phase
- Frequency : 50/60 Hz
- Power : Customizable / Application specific

### Features

- Reliable, economical, continuous and clean energy as an innovative system
- Stationary system
- Ease of use and operation
- Rigid structure suitable for rugged use, such as military applications
- Modular and scalable design
- Programmable electrical and functional properties
- On-grid or off-grid operation
- Maximum use of renewable sources with high efficiency components
- Single or three phase electrical output

### Applications

- Military bases and stations
- Public authority and municipality needs
- Agriculture and rural areas
- Mining sites
- Areas remote from power grid
- Islands

### GURU Series Other Products

#### GURUpiko



#### GURUmobil



#### GURUkompakt

