



Smart Nova 451 GSM Module

This module provides easy communication and remote control for generators via SMS using the **SIM900A** module. It allows you to monitor the generator's status, voltage, current, power, frequency, and send control commands remotely through SMS, including turning the generator on/off, and controlling the load/unload process.

Key Features:

- **Power Supply:** Supports 12V and 24V DC power sources.
- **SMS Reporting:** Provides status updates for the generator's voltage, current, power, frequency, and alarms via SMS.
- **Control Commands:** Send SMS commands for generator control (on/off, load/unload).

- **Generator Alerts:** Receives SMS notifications when the generator is turned on/off.
- **Industrial-Grade Design:** Suitable for industrial environments with a robust design.

SIM900A Module Features:

- **GSM and GPRS Communication Support**
- **AT Command Interface** for easy control and monitoring.
- **SMS, Voice, and Data Services**
- **Built-in TCP/IP Stack** for Internet connectivity.
- **Cost-Effective Solution** for remote generator control.

Generator Control via SMS:

- **Remote Monitoring and Control:** Monitor and control the generator remotely via SMS.
- **Real-Time Updates:** Receive real-time updates for voltage, current, power, frequency, and alarms.
- **On/Off Control:** Turn the generator on/off remotely via SMS.
- **Load/Unload Control:** Control the loading and unloading functions via SMS.
- **Generator Alerts:** Receive SMS notifications when the generator starts or stops.

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