Eetarp Graphene Remote Terminal Panel E6 Series

for Data Center, Industrial, Medical Center, Hospital and Commercial Application

Hospitals

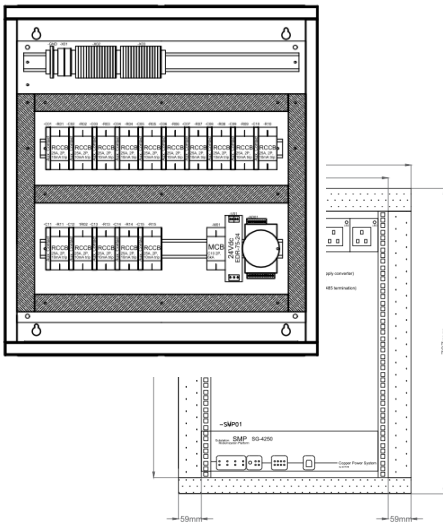Manufacturing

Commercial

Data Centres

Eetarp Graphene Designed For Intelligence

Eetarp Graphene Remote Terminal Panel E6 Series

Eetarp Graphene RTU Panel E6 Series

Product description

Eetarp Graphene RTU panel design to monitor the field devices digital and analog parameters and transmits data to the central monitoring station via open communication protocol like Modbus RTU, Modbus TCP/IP, IEC60870 or IEC61850 and etc. It contains setup software to configure the data input streams to data output streams, define communication protocols for data collecting and data publishing.

An RTU consist of one CPU or processing with communications interface(s), and one or more of the following: (AI) analog input, (DI) digital (status) input, (DO) digital control output, or (AO) analog output card(s).

Application

The Eetarp Graphene RTU can be utilized in Data Center, General Industrial Building, Medical Center, Hospital and Commercial Centre. RTU can also be configured to act as data concentrator, data collector, data conversion or status monitoring and collect data and send it back to a multiple central monitoring server.

Features

- Easy-to-use for all applications.
- Support digital output control.
- Support digital input control.
- Support analogue Input, 4-20mA / 0-10V.
- Support MODBUS RTU & TCP high level interfacing.
- Ability for smooth integration of external equipments or sensors
- Process control & logic control with advance communication gateway
- Data Concentrator
- Data Convertor

### Typical Examples of Remote Terminal Unit Usage

- Monitoring Platform for Multiple Equipments
- Air conditioning and ventilation systems
- Status Monitoring for temperature, humidity, alarm status for building monitoring system or building automation system
- Data concentrator for power quality monitoring system and energy management system.
- Data collection for touch control panel for monitoring and controller.
- SCADA system data collector and protocol converter
- Smart system control, example devices start/stop or on/off
- Analogue control for devices setpoints.

✚ Typical Design for wall mounted panel type (Depth 150mm)
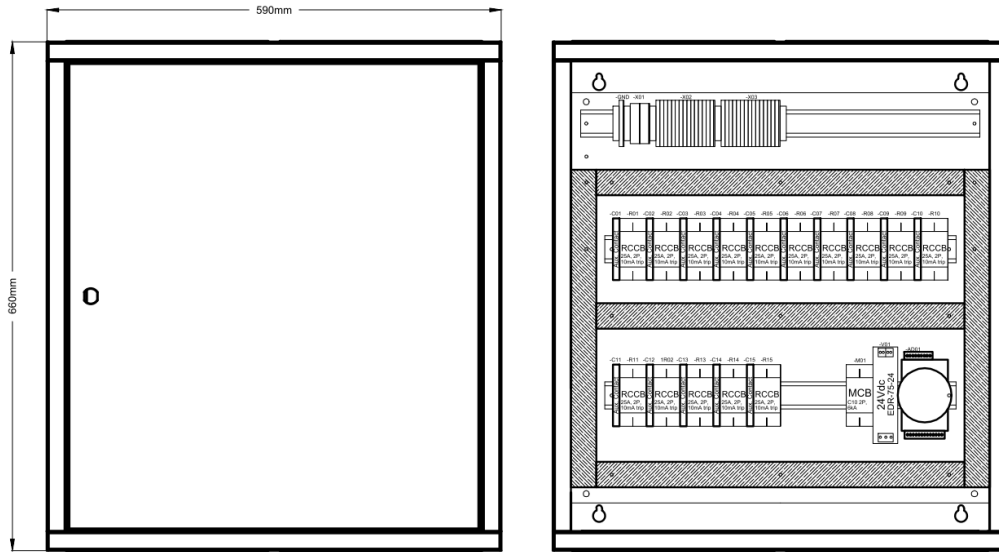
Front without door View

✚ Typical Design for rack mounted type (Depth 600mm)
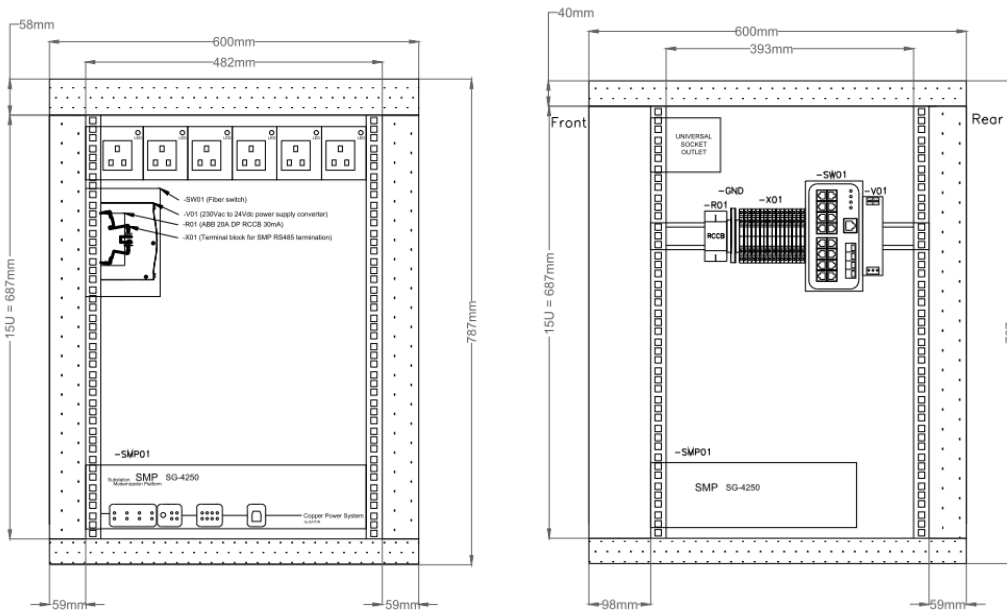
Front View   Side View

🔹 Eetarp Ordering Code

E	**Fixed Code for Eetarp Product**
6	**Fixed Code for Eetarp Graphene RTU Panel**
x	**1 = With Server, 2 = With Redundancy Server, 3 = With Laptop/Workstation PC**
x	**Cabinet Type: 0 = Fixed Frame; 1 = Swing Frame**
-	
x	**S = SMP Gateway, A = EKI Gateway, M = Moxa Gateway, X = No gateway**
x	**Number of gateway**
x	**Ethernet Switch: 1 = Rack Mount; 2 = Din Rail Type; 3= Din rail & Rack Mount**
-	
x	**GPS Clock: 0 = No GPS Clock required; 1 = GPS Clock; 2 = NTP (by customer)**
x	**Signal Source: 0 = Hardwires; 1 = High level; 2 = Hardwire and High level**
x	**Cable type: 0= Flame-retardant, low smoke, halogen free cable; 9 = Normal flexible cable only**
-	
x	**Number of controller unit, X = No controller**
x	**Number of controller card, X = No controller Module**
x	**Number of controller card, X = No controller Module**