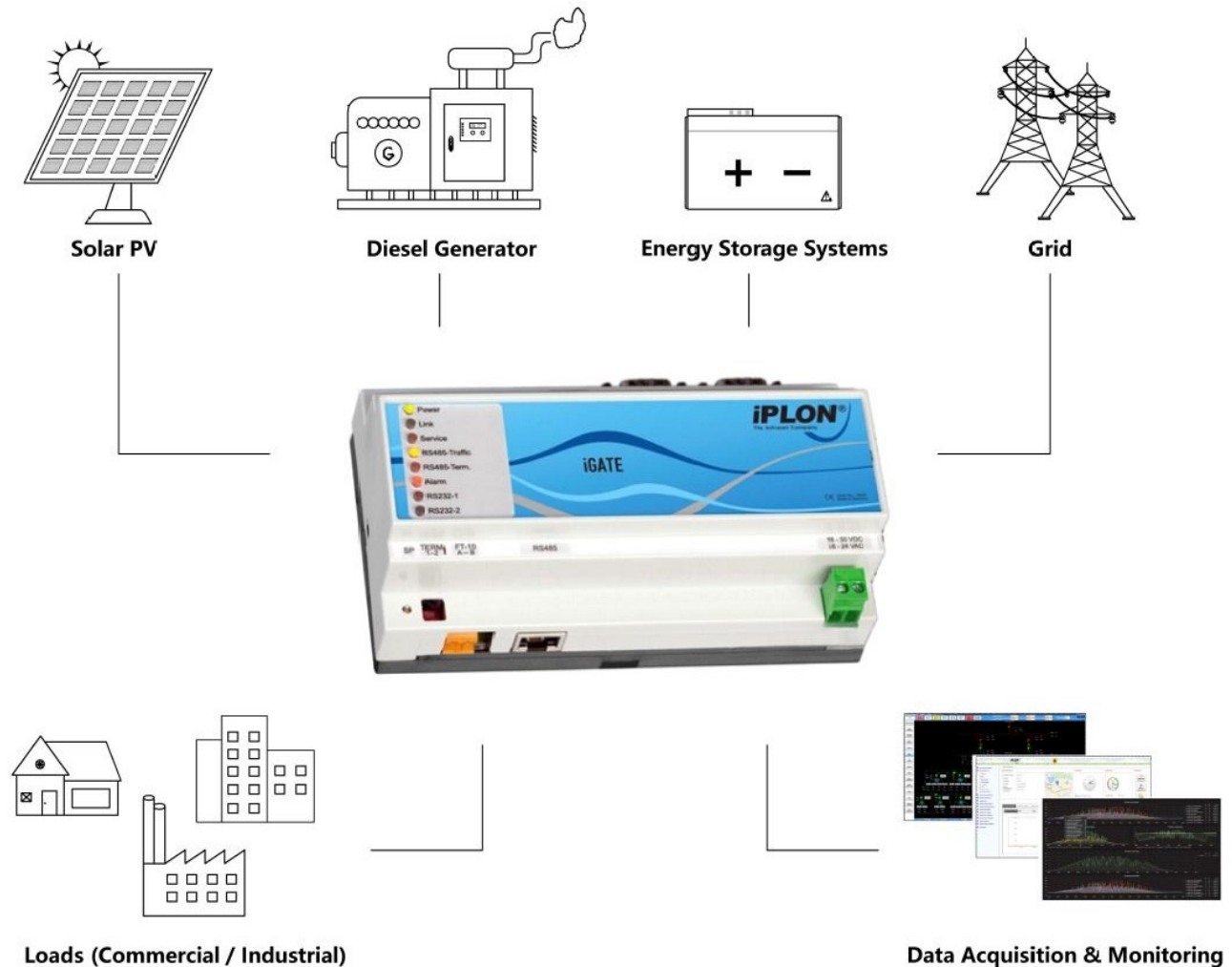


iPLON Micro Grid Solutions_iMGS

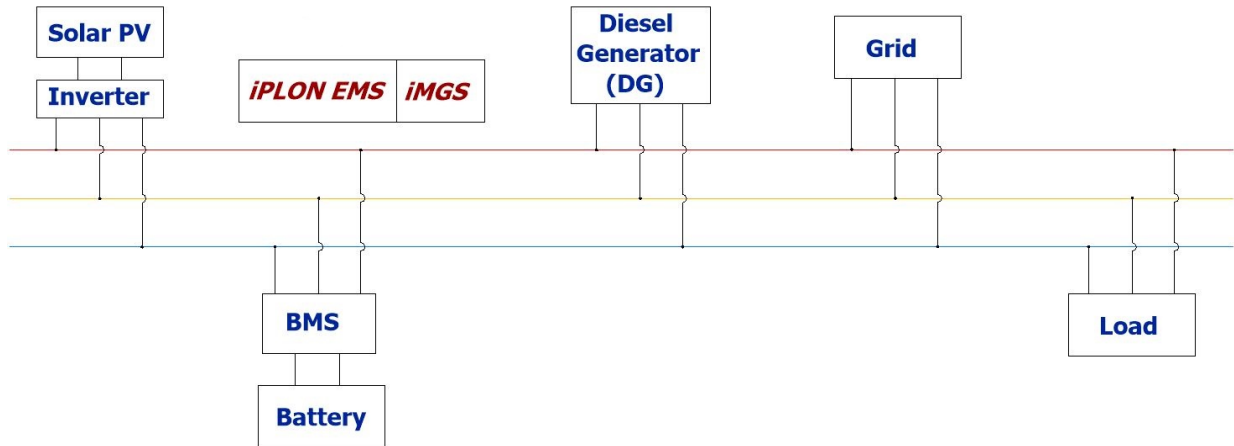
Integration of various power sources is leading to the emergence of 'energy prosumers'. iPLON promotes this de-central approach and through the iMGS series caters to the 'supply-side' and 'demand-side' management of energy.

Our Energy Management System can effectively manage (monitor & control) diverse energy sources such as solar, wind, biogas, CHP, energy storage systems, mains grid with DG as back-up. With our IoT and web 2.0 technologies, we are offering customized micro grid solutions to our valuable partners.

Energy Management System



Physical view

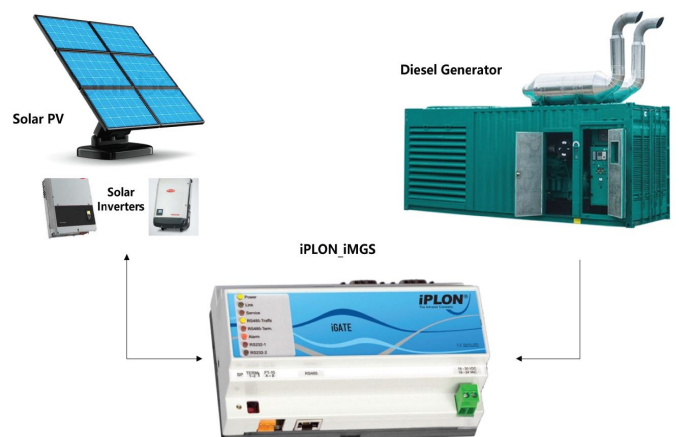


Key Features

- Active power control and power factor correction
- Site specific configuration
- Fully automated system operation
- Monitoring of Plant (DC & AC side) – iPLON Cloud services
- Remote maintenance and system management
- Scalable system (kW to MW scale installations)
- Engineering services for load side management
- Connection to Energy trading platform

PV-DG Hybrid System

- Suitable for Multiple DG sets
- Maintains the DG in the safe operating efficiency
- Back Feed Protection for Diesel Generators
- Fuel savings by maximising solar output without compromising DG efficiency
- Inverter Output Control
- Compatible with all varying make of inverters and DG sets



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