



TYPICAL APPLICATIONS

- Renewable Energy and Energy Storage Projects
- Data Centers & Critical infrastructure
- Remote Industrial and Mining Operations
- Modular Power Generation Projects

MAIN FEATURES

- Fully Integrated Transformer, MV and LV Switchgears, Power Electronics, Communication Box and Auxiliary Services Panels.
- Skid Mounted, Outdoor Rated, Factory Fully Assembled & Commissioned
- Fully Protected Dedicated Underground Cabling Entry
- Smart Monitoring with Remote Communication, including Predictive Maintenance & Advanced Analytics

MAIN ADVANTAGES

- Fast Track Medium to Low Voltage Connection, Mobile and Plug & Play
- Reduced Footprint for Space Constrained Sites
- Reliable, Efficient and Safe
- Easy Maintenance, Digital Monitoring and Extended Warranty Support
- Enhanced Fire Safety & ESG Compliance

WARRANTY

- 1 Year Warranty
- Extended Warranty Available

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SMART & GREEN INTEGRATED POWER ASSEMBLIES

Technical Specifications

General Characteristics	
Item	Specification
Standards	IEEE or IEC Series
Rated Power (kVA)	500 to 10.000
Insulation Class (kV)	Up to 46
Frequency	50 Hz or 60 Hz
Application	Outdoor

Electrical Characteristics	
Item	Specification
High Voltage (V)	Up to 46000
Low Voltage (V)	Up to 15000
Transformer Efficiency (%)	As specified
HV Short Circuit Current (kA)	Up to 31,5
Communication Protocol	RS485 Modbus RTU *

Construction Characteristics	
Item	Specification
Assembly Configuration	Integrated Skid Mounted
Protection Degree	IP55
Transformer Liquid insulation	Natural Ester Fluid
Transformer Cooling Method	KNAN *
Liquid Containment	Integrated Pit Tank w/ Filter
Cabling Entry Access	Underground
Corrosion Category	C4 *

*Others Upon Request

