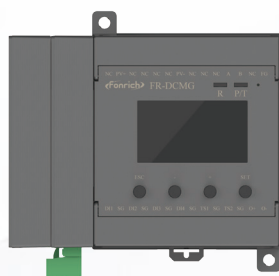


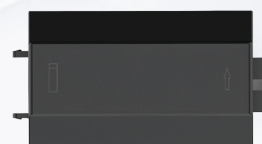
Insulation Monitoring Solution



Insulation Monitoring
Main Unit



Combiner Box Monitoring
Main Controller



Leakage Current Sensor

Product Features



String Insulation Resistance

Real-time monitoring of PV string insulation resistance to prevent leakage or short circuits



String Leakage Capacitance

Measures string-to-ground capacitance to improve fault detection accuracy



String-Level Insulation Fault Location

Quickly identifies faulty strings to reduce downtime



Monitoring Range: 0.2-990k Ω

Wide detection range for early warning of insulation issues

Model	FR-IMDG-MGA
Max. System Voltage	AC 1000V
Communication Methods	RJ45 Ethernet, RS485, Bluetooth
Power Supply Input Voltage	100Vac ~ 260 Vac
Operating Ambient Temperature	-40°C ~ +60 °C
Status Indicator Light	Power Status, Working Status
Dimension	265×185×75 mm
IP Rating	IP20

