

Features

- Online Measurement of Power Quality Parameters According to New Network Code
- Ability to Define KPI's per Customer
- Notifications with Consumption Projections
- Web and Mobile Access
- Allows to Segment the Monitoring Points by Region, State, Cost Center
- Stores Historicals for 12 Months
- 8 Hour Autonomy (in Case of Loss of Power Supply)
- Stores up to 60 Days of Parameters in Case of Loss of Communication
- Monthly Updated Rate Plans
- Encrypted and Secure Data Handling

Solves the Following Problems

- Energy Consumption Management
- Electric Bill Reconciliation
- Network Code Parameter Tracking
- Power Quality Analysis

Applications

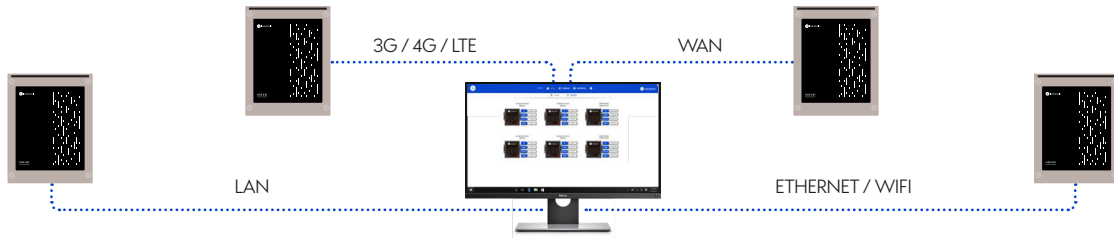
- Commercial Buildings
- Corporate, Regional and Branch Offices
- Industry
- Electrical Connections on Main Boards

Optional

- Monthly Consulting Service with Management Reports, Reports and Customized KPI's per Client
- Mobile Data Communications Service without Affecting the Customer's Intranet
- Voltage Monitoring, Over and Under Voltage Protection and Remote and Local Over Consumption Alarm Generation



MDE-IND 3000 Specs



Model MDE-IND

3220

3480

Parameters	3220	3480
Measurement Capacity (kVA)	10 ~ 3000	
Voltages (Vac)	110/190, 115/200, 120/208, 127/220	254/440, 266/460, 277/480
Maximum Current (A)	6000	
Frequency (Hz)	45 - 65	
Consumption (W)	5	
THDi%	Odd numbers 1 - 31	
THDv%	Odd numbers 1 - 31	
Energy Quality		
Active Power	Class 0.5	
Reactive Power	Class 1.0	
Apparent Power	Class 0.5	
Energy	Class 0.5	
Frequency	Class 0.1	
Current	Class 0.5	
Voltage	Class 0.2	
Power Factor	Class 0.5	
THDv - THDi	Class 1.0	
International Standard Compliance	De acuerdo a: IEC 61557-12 / IEC 62053-22 / IEC 62053-23 / IEC 61010-1:2012 / IEC 61000-4-4:2013 / IEC 61000-4-8:2010 / IEC 61000-3-2:2014 / IEC 61000-4-3 A1:2009 / IEC 61000-4-5:2014 / IEC 61000-4-11:2006 / IEC 61000-3-3:2014 / IEC 61000-4-2:2014 / IEC 61000-4-6:2014 / IEC 61326-1:2013 / IEC 63000:2019	
European Standard Compliance	2014 / 35 / CE ---- 2014 / 30 / CE ---- RoHS 2015 / 863 / EC ---- UE 2006 / 95 / CE(LVD) ---- CE code 0.0.0.6.06303	
Energy Readings Maximum Tolerance	+/- 3%	
Physical		
Dimensions: height x width x depth (mm)	370 x 275 x 140	
Weight (kg)	2.0	
Maximum altitude operation (m s.n.m.)	3,000	
Operation Temperature (°C)	-10 up to +55	
Relative Humidity	0 to 95% w/o condensation	
Cabinet	Tecnopolymer IP56	
Protection		
Surge Suppressor	Varistors (MOV Technology)	
Voltage Monitor (ranges)	0 up to +/- 15% of nominal voltage (configurable)	
Power Supply Autonomy (lithium battery)	8 Hours	
Data Encryption Security	VPN OpenSSL 128-Bit	
Server Security	SSL Certificates	
N.O. Analogic Outputs	2	
Outputs digitales	2	
Communication & Data		
Data Storage Time	Includes 12 months (more time optional at extra charge)	
Local data storage time without communication	60 days	
Communication Channels	WiFi, ethernet, mobil data	
Additional Communication Services	SIM card data service	

The specifications are subject to changes and modifications without prior notice, due to our commitment of continuous improvement of reliability, design and functionality of our products