

N-Former Specifications

1 of 2

N-Former

- Physical –
 - Enclosure: Hoffman – NEMA 4X, Fiber Glass
 - Dimensions: 8 X 6 X 4 Inches
 - Mounting: DIN Clip (Snaps to DIN Rail on Pole)
 - Connections:
 - Sealed, Keyed Power Cable from Battery Pack
 - Cellular Phone Antenna
 - Field Equipment Wires
 - Adjustable diameter wire conduit for entry of external equipment wires
- Electrical Components–
 - Data Handler (AGM Electronics, Inc PN DIN9000-D2N) ¹
 - UWS (AGM Electronics, Inc PN HPM7000-1)
 - Cellular Phone Modem ²
- Inputs/Outputs/Recording (Logging) –
 - One Signal Input, 2/8 Optional
 - Two Contact Switch Closure Inputs
 - One Local/One Remote Control Contact Switch Closure Output
 - Local Data Recording
- WEB Browser Configuration
 - High/High-High or Low/Low-Low Event Signal Annunciation
 - On/Off – Open-Close Event Annunciation
 - “Wake Up” Interval
 - Time of Day Daily System Operational Check Verification
 - Customized Text and E-mail Messages
 - Numerical Pager Number and Display Format
 - Data Recording Interval and Optional Event Logging
- Interface Options –
 - View Data Anytime, Anywhere
 - Remotely Control Field Devices such as a Valve or Pump
 - Upload Recorded Data File

Battery Pack

- Physical –
 - Enclosure: Hoffman – NEMA 4X, Fiber Glass
 - Dimensions: 10 X 8 X 6 Inches
 - Mounting: Sets on base of Equipment Stand and is held in place with Velcro
 - Connections:
 - Sealed, Keyed Power Cable to N-Former
 - Sealed, Keyed Cable from Solar Panel
 - Vented
- Electrical Components–
 - Array (Solar Panel 3) – Kyocera PN KC40T
 - Solar – Sun saver PN SS-6L
 - Battery – 8GU1 Series, 12V, 31AH Sealed Gel-Cell (3-Day Autonomy)
- Indicators –
 - Red – Solar Panel Okay
 - Amber – Battery Okay
 - Green – N-Former Okay

Equipment Stand

- Physical –
 - Construction: Three piece, 1 ½ to 2 inch diameter PVC
 - Dimensions: 40 X 30 X 30 inches
 - Assembly: No tools required

Environmental

- Operating Temperature: -20 to 70 degrees C
- Operating Humidity: 5 to 100%.

Warranty

- 7 years, Transferable



N-Former Specifications

2 of 2

1 – When ordering, specify type of signal that will be monitored (EG Temperature, Speed, Pressure, etc.)

2 – a) The end-user is responsible for obtaining Cellular Phone service. AGM will coordinate with the Service Provider to activate Cellular Phone Modem and verify operations. b) Monthly service costs will vary depending on type of service. EG Periodic connectivity ranges from \$5 to \$10 / month, unlimited connectivity ranges from \$50 to \$80 / month. c) The Cellular Phone Modem used will vary depending on the provider and type of service selected. EG Verizon, Sprint, Alltel, etc.

3 – The Solar Panel must be installed so that it is facing the sun and that there are no obstructions that may restrict any of the solar energy from reaching the Solar Panel

