

# eGauge | Powered Enclosure Kit (PEK)

The **Powered Enclosure Kit (PEK)** is designed for installation of the eGauge in combination with one of several communication protocol devices. The kit comes with components that complement the eGauge main unit, decreasing installation time and reducing complexity.

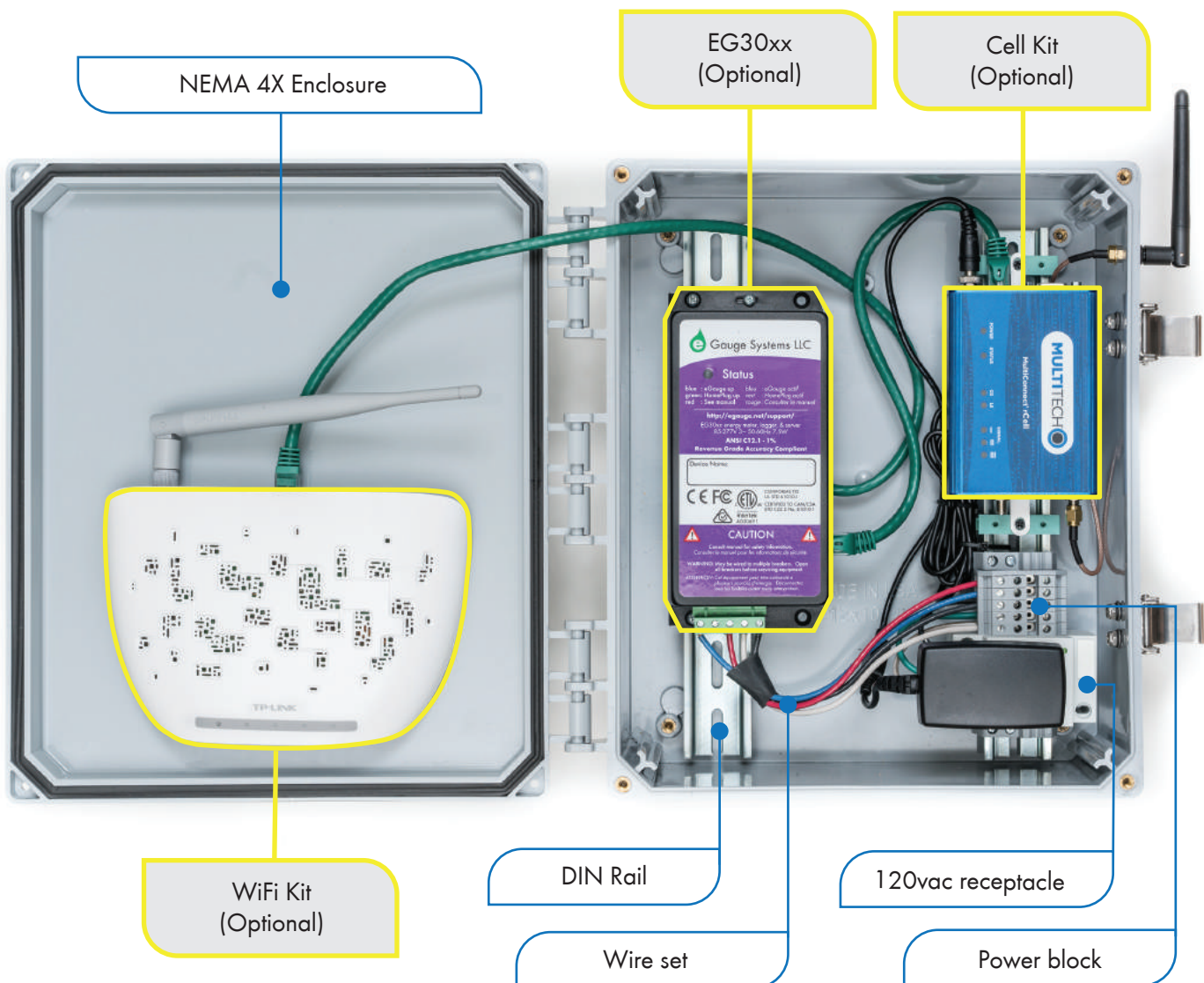
Compatible services: 3ph/4w, 120/208vac and 1ph/3w, 120/240vac.

## Included (shipped unassembled):

- (1) 12"x10"x4" polycarbonate enclosure, hinged, lockable
- (2) DIN rail lengths
- (1) DIN rail mountable 120vac receptacle
- (1) Power distribution block
- (1) Wire set

## Optional Communication:

- WiFi Kit
- Cell Kit
- Ethernet
- HomePlug



## Communication Options:

The powered enclosure kit can be equipped with several different communication protocols including cellular, WiFi, Ethernet, and powerline communication. Each option requires its own set of hardware components. The integrated 120vac outlet allows for customization of the PEK beyond what is listed below, such as the addition of a network switch.

### Cellular (SKU: CR100MT)



The Multitech cellular router can accept SIM cards from a variety of service providers on 3G GSM networks. Choose from either of these carriers: **AT&T and T-Mobile.**

CDMA cellular routers for use on the 3G **Verizon and Sprint** network are available for special order. Contact eGauge sales for more information.

### WiFi (SKU: AP100TPL)



The TP-Link WiFi access point provides direct access to wireless networks straight from the powered enclosure kit and is 802.11 2.4Ghz b/g/n compatible. The access point can be easily mounted to the inside of the enclosure with a heavy-duty velcro strip (included). The TP-Link can also be replaced with your preferred WiFi access point.

## Enclosure Specifications (NEMA 4X, 12"x10"x4")

### Mechanical and Thermal

Instrumented Dart Impact = 565 in-lb. (Tested at 73 °F)  
Falling Ball Impact = 900 in/lb. (Test Spec. UL-746, at 73 °F)  
Deflection Temperature = aa @264 psi (Test Spec. ASTM D648 270 °F)  
Modulus of Elasticity = 340 ksi (Test Spec. ASTM D790)  
Temperature Range = -40 to 265 °F

### Flammable/UV Ratings

Flame Rating = UL, 5VA. (Test Spec. UL-94)  
Outdoor UV Exposure = F1. (Test Spec UL)

### 3rd Party Approvals

UL-50/c-UL Type 4X Listed (file #E207562)  
IP 66

