



Embodying the pinnacle of technological innovation, this advanced Smart Feeder Pillar is a cornerstone in the realm of modern smart grid systems. It's not just a piece of equipment; it's a gateway to un- paralleled efficiency and control. With the integration of both 4G and LAN communication capabilities, it stands as a testament to versatility, offering robust and flexible connectivity options that cater to diverse operational environments.

Technical Specifications

- Operating Voltage 100 ~ 305 Vac 50/60Hz
- System Power <12.0W
- Operating Temperature 0°C ~ +50°C (With PS Backup)
- Timer Module 24 Hours Paired with LCU WiSN (Nema)
- Optional Power Supply Backup 12Vdc x 2pcs Sealed Lead Battery
- Installation Method DIN and Panel Mounted into Feeder Pillar

Measuring Features

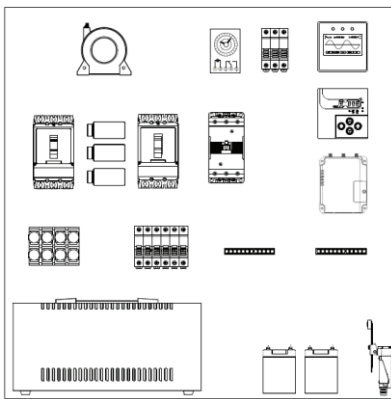
- Network Type 3P4W
- Voltage V1, V2, V3, V12, V23, V31 $\pm 0.5\%$
- Current I1, I2, I3, In $\pm 0.5\%$
- Power P1, P2, P3, Sum $\pm 1.0\%$
- CT Range 0.5 to 100A $\pm 0.5\%$
- Reactive Power Q1, Q2, Q3, Sum $\pm 1.0\%$
- Apparent Power S1, S2, S3, Sum $\pm 1.0\%$
- True Power Factor PF1, PF2, PF3, PFavg $\pm 1.0\%$
- Total Harmonic Distortion Voltage and Current
- Door Sensor Open and Close
- Optional eakage Detectio Paired with Zero Phase Current Transformer
- Optional Integrated GPS Independent Calculated Geolocation

Communication Data

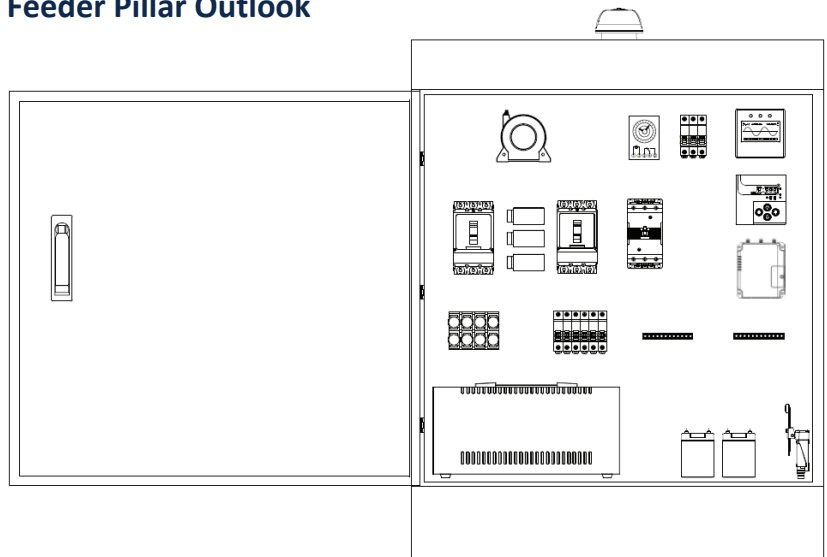
- Hardware Interface RS485 Modbus RTU
- Wireless Radio Frequency 4G Cellular Connection Direct to Cloud
- Alternative Ethernet Interface Direct LAN Connection



Panel Outlook



Feeder Pillar Outlook



This state-of-the-art feeder pillar is more than just a passive component in the electrical distribution system; it's an active participant in the smart grid. Equipped with the ability to send real-time data remotely to the cloud, it opens up a world of possibilities for monitoring and control. This data, encompassing everything from power usage to system health, is not only available for analysis but also for proactive management. It enables operators to not just observe but also react and adapt to changing conditions in real-time.

But the capabilities of this Smart Feeder

Pillar extend beyond mere data transmission. The cloud integration allows for remote control of I/O (Input/Output) components within the feeder pillar. This feature transforms the way electrical systems are managed, allowing for adjustments and interventions from afar, thereby reducing the need for on-site maintenance and enabling quicker responses to potential issues.

Moreover, the Smart Feeder Pillar is vigilant. It continuously monitors for signs of leakage and abnormal consumption, acting as a guardian against inefficiencies

and potential hazards. These features are not just about maintaining functionality; they are about enhancing safety, optimizing performance, and paving the way for a more sustainable and intelligent electrical distribution network.

In essence, this Smart Feeder Pillar - 4G/LAN Version is not just an equipment upgrade; it's a leap forward in the way we manage and interact with electrical systems. It represents a harmonious blend of connectivity, control, and intelligence, all working together to usher in a new era of smart grid management.