



Basic Information

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|-------------|-------------------|
| Product | WiSUN Gateway |
| Protocol | WiSUN |
| Model | SP4-WiSUN-GW-N(G) |
| Warranty | 3 years |
| Life Circle | 10 years+ |

Certificate



SolarPilot Energy APP



Android



IOS

1. "SolarPilot Energy" in APP Store or Google Play
2. Scan above QR code to download the APP

Specification

| | | |
|--------------------------------|----------------------------------|-------------------------------------|
| Communicate with Optimizer/RSD | Communication Type | WiSUN |
| | Max. data transmission distance | 50m(indoor), 200m(outdoor) |
| | Max. number of connected devices | 300 pcs optimizers/RSD devices |
| System Parameters | CPU | Quad core ARM Cortex-A53 @1.6 GHz |
| | RAM | 2GB DDR4 |
| | Memory | 8GB eMMC |
| | OS | Linux 5.10.160 |
| Communication Interface | WAN | RJ45x1 1000Mbps |
| | LAN | RJ45x1 100Mbps |
| | HDMI | 1080P@60fps |
| | Console port | USB Type-C |
| | WiSUN | 868MHz |
| | 4G | CAT1 (4G version) |
| | RS485 | COM x 3 |
| | CAN | CAN x 1 |
| | DI | DI x 4 |
| | DO | DO x 2 |
| | Data sampling interval | 1min (I/V/P) / 5min / 15 min |
| | Configured Components | Button |
| Indicator light | | LED x 3 |
| Monitoring APP | | SolarPilot Energy APP |
| General Parameters | Dimension | 190mm*84.8mm*38.7mm |
| | Net Weight | ≤800g |
| | Ingress Protection | IP 20 |
| | Storage temperature | -40°C ~ 70°C |
| | Operating temperature | -20°C ~ 55°C |
| | Operating humidity | 5% ~ 95% |
| | Operating altitude | ≤2000m |
| | Power supply | DC 12V |
| | Power consumption | ≤10W |
| | Installation method | Fixed on DIN35mm guide rail |
| Others | Compatible optimizers | SP4, SP5 series |
| | Compliance Standard | CE, RoHS, RED |
| | Recommended scenarios | Commercial & industrial solar plant |