

**INVID-ISSS360W8POE:** The INVID-ISSS360W8POE is a self-contained solar power system delivering reliable, weatherproof energy to surveillance equipment in any location — no grid connection required.  
(Supports 360W)



#### Solar Power System

- Dual 180W monocrystalline solar panels (for 360W total) with adjustable tilt angles — 15°, 25°, 35°, or manual — to optimize sun exposure at any site

#### Battery System

- Dual LFP (lithium iron phosphate) batteries — 2.56 kWh total capacity for superior safety, thermal stability, and long cycle life
- 2,000+ charge cycles at 100% depth of discharge
- IP67-rated battery enclosure — fully weatherproof

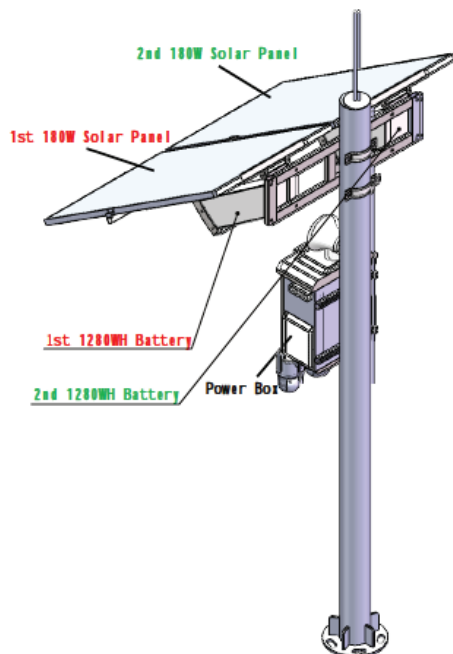
#### Smart Power Management

- Built-in 20A MPPT charge controller at 96–98% efficiency
- BMS with RS-485 port for remote monitoring — check battery health without site visits
- Intelligent heater control for cold-weather operation — discharges down to -4°F (-20°C)

Battery Overlay Display box will work with Paramount and Vision IPCs Only

#### Distribution Box / Integration

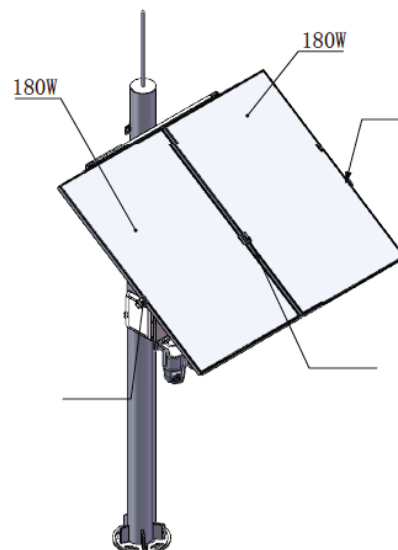
- Outputs DC 12V / 24V / 48V — compatible with a wide range of cameras, PTZs, and IP speakers
- Alarm input triggers built-in strobe light — supports active deterrence configurations



|                            |                                |                    |                          |                              |                              |
|----------------------------|--------------------------------|--------------------|--------------------------|------------------------------|------------------------------|
| <b>360W</b><br>Solar Panel | <b>2.56 kWh</b><br>LFP Battery | <b>20A</b><br>MPPT | <b>IP67</b><br>IP Rating | <b>DC12/24/48V</b><br>Output | <b>Pole/Wall</b><br>Mounting |
|----------------------------|--------------------------------|--------------------|--------------------------|------------------------------|------------------------------|

|                                               |                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------|
| Model                                         | INVID-ISSS360W8POE                                                                      |
| Solar Panel                                   |                                                                                         |
| Solar Panel                                   | Mono-crystalline silicon                                                                |
| Rate Power                                    | 180W x 2                                                                                |
| Open Circuit Voltage (VOC)                    | DC 40.8V                                                                                |
| Efficiency                                    | 18.36%                                                                                  |
| Angle                                         | 15°, 25°, 35°, Manual Adjustment                                                        |
| Dimension                                     | 50.8 x 30 x 1.2 in /each (1290*760*30mm/each)                                           |
| Battery System                                |                                                                                         |
| Battery Type                                  | LFP (Lithium Iron Phosphate)                                                            |
| Capacity                                      | DC 25.6V, 50Ah x 2 pcs — 2.56 kWh                                                       |
| Power Output                                  | DC 24V, 10A                                                                             |
| Estimated Daily Generation LA/NY*             | 1,560W with sunlight, 200W without sunlight/ 1140W with sunlight, 146W without sunlight |
| Estimated Continuous Work w/o Sunlight LA/NY* | 9.2/7.7 days (at 10W device consumption)                                                |
| Estimated Full Charge Time under Load LA/NY*  | 2.4/4 days (at 10W device consumption)                                                  |
| BMS                                           | Yes, Support RS485 for Remote Monitoring. Or RJ45 port as optional                      |
| Built-in MPPT                                 | 20A, Efficiency 96-98%                                                                  |
| Low-Temperature Heater                        | Intelligent Control                                                                     |
| IP Rating                                     | IP67                                                                                    |
| Cycle Life                                    | 2,000 cycles at 100% DOD, 25°C                                                          |
| Charging Temperature                          | 32°F ~ 131°F (0°C ~ 55°C)                                                               |
| Discharging Temperature                       | -4°F ~ 131°F (-20°C ~ 55°C)                                                             |
| Mounting Bracket                              | Pole, Wall                                                                              |
| Dimension                                     | 15.7 x 31.5 x 11.8 in /each (400*800*300mm/each)                                        |
| Enclosure Box                                 |                                                                                         |
| Power Input                                   | Solar Battery                                                                           |
| Power Output                                  | DC12V/24V/48V                                                                           |
| Alarm Input                                   | Yes, to trigger the strobe light                                                        |
| Mounting Plate                                | Top, Bottom, Left & Right side (for IPC, PTZ, IP Speaker)                               |
| Built-in Strobe Light                         | Front Top, Left & Right side Top                                                        |
| Mounting Bracket                              | Pole, Wall                                                                              |
| Dimension                                     | 21.5 x 16.1 x 9.1 in (545*410*230mm)                                                    |
| Included Accessories                          |                                                                                         |
| POE Switch                                    | Max 240W. Port 1: HiPoE 60W; Ports 2-8: PoE+ 30W                                        |

\*These are examples only. Final configurations depend on the components installed in the solar unit and the total system wattage.



#### Ordering Information

**INVID-ISSS360W8POE:** 360W Solar Power System

See Page 2 for Product Structure Diagram



1 Solar Panel

2 4G Router Antenna (Puck Style)

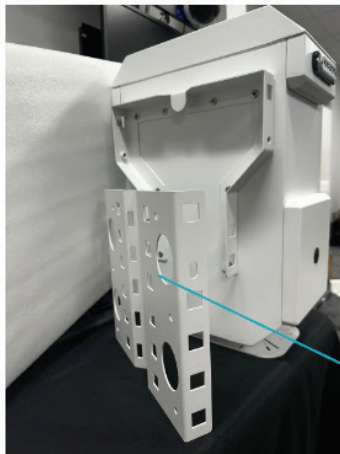
3 Speaker Installation Holes

4 Side Strobe Light x2 (Left/Right Sides)

5 Front Strobe Light

6 Side Camera Installation Plate x2 (Left/Right Sides)

7 Bottom Camera Installation Plate x 2

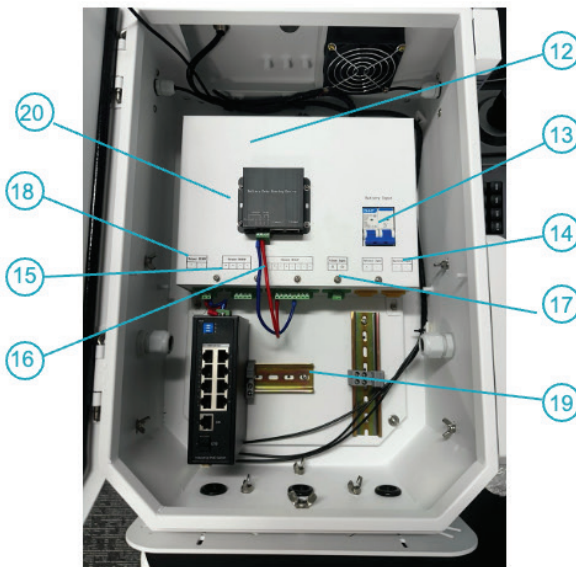


8 Battery Bracket (Two Sizes: 89-140mm & 140-250mm)

9 Battery x1

10 Enclosure Box

11 Enclosure Box Bracket



12 Electrical System box

13 Breaker for Battery Input

14 Solar Battery 1 + 2 Inputs (On 180W Models 2nd Input is to expand to 360W)

15 DC24V Output

16 DC12V output

17 Alarm Input

18 48V Output (Switch Power)

19 Installation board for Din Rail, POE Switch

20 Battery Overlay Box

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