

PR-ODPS-24KW-7720A

Outdoor Power Supply Cabinet



- High protection level: IP55
- Cooling design: Fan + Filter design, efficiently expels the heat in battery and equipment chambers
- Provide enough space for 5G expansion
- Compact structure and full front access for easy, flexible installation & maintenance
- Standardized enclosure platform with predefined accessories and options
- The cabinet body uses the high performance SGCC, the anti-corrosion ability is strong
- Strong anti-theft design: 3-point lock, door sensor, supporting padlock
- Adheres to international standards

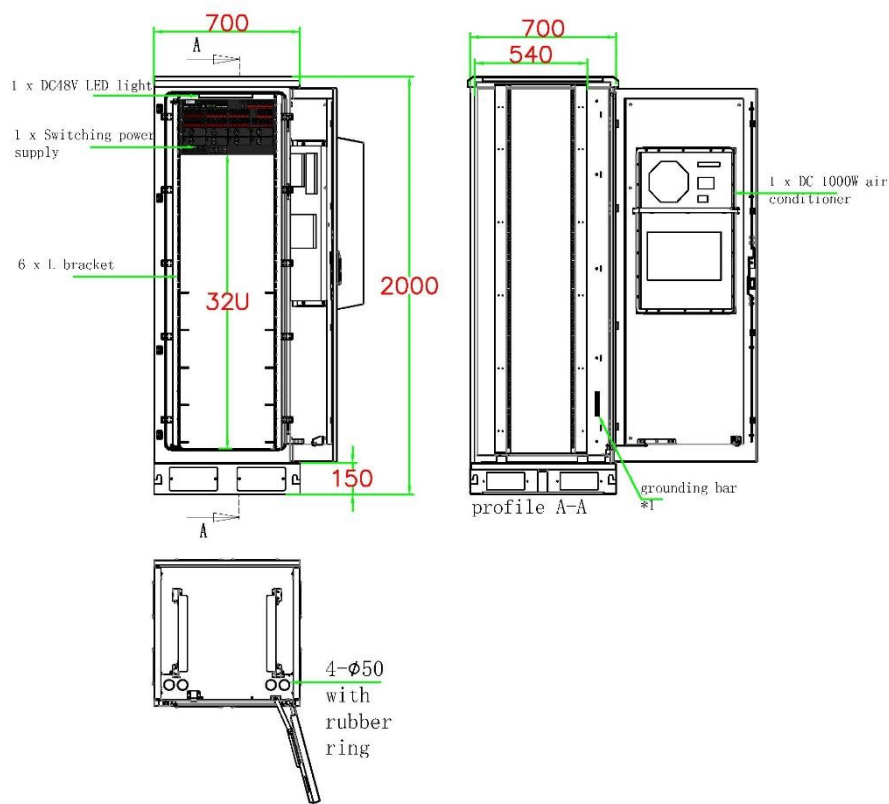


Photo for your reference

| Part number        |                                  |  |
|--------------------|----------------------------------|--|
| PR-ODPS-24KW-7720A | Outdoor Cabinet, W700xD700xH2000 |  |

| Specifications   |                    |                     |
|------------------|--------------------|---------------------|
| Category         | Item               | Description         |
| Basic parameters | Dimensions (WxDxH) | 700 x 700 x 2000mm  |
|                  | Material           | SGCC                |
|                  | Color              | RAL7035             |
|                  | User space         | 32U@24KW Power core |

|                |                          |                                                                                                                                                                                             |
|----------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | Lifting                  | 4 hanging slots                                                                                                                                                                             |
|                | Cable entry              | Bottom in and out                                                                                                                                                                           |
|                | Lock                     | Three-point Anti-theft lock                                                                                                                                                                 |
|                | IP Class                 | IP55                                                                                                                                                                                        |
| AC Input       | Rated Voltage            | 346~433 VAC / 3W+N+PE                                                                                                                                                                       |
|                | Input breakers           | 63A/3P+N terminal                                                                                                                                                                           |
|                | Input frequency          | 45~65Hz, rated value: 50Hz/60Hz                                                                                                                                                             |
|                | AC SPD                   | 20kA/40kA, 8/20μs                                                                                                                                                                           |
| Power core     | Rectifier                | 8pcs x 3000W                                                                                                                                                                                |
|                | Controller               | With controller for power unit                                                                                                                                                              |
|                | Capacity                 | 24KW (450A@48V)                                                                                                                                                                             |
|                | BLVD                     | 3*6A/1P, 2*10A/1P, 2*16A/1P, 2*25A/1P,2*40A/1P,3*63A/1P                                                                                                                                     |
|                | LLVD                     | 2*10A/1P, 2*16A/1P, 2*40A/1P, 2*63A/1P, 2*100A/1P                                                                                                                                           |
|                | DC SPD                   | 10kA/, 8/20μs                                                                                                                                                                               |
| Battery input  | MCBs                     | 4 x 125A/1P                                                                                                                                                                                 |
| Others         | Ambient temperature      | -40°C to +45°C                                                                                                                                                                              |
|                | Transport & Storage temp | -40°C to +70°C                                                                                                                                                                              |
|                | Operating humidity       | 5%-95% (non-condensing)                                                                                                                                                                     |
|                | Altitude                 | 0~2000m                                                                                                                                                                                     |
| Cooling system | DC air conditioner       | Product model: Envicool DC10CDNC1D<br>Cooling capacity: 1250W@L35/L35<br>Rated power Consumption: 345W @L35/L35<br>Rated current:7.1A @L35/L35<br>Inner circulation air flow rate: 380 m³/h |
| Standards      | Protection               | IP55 (IEC/EN 60529)                                                                                                                                                                         |
|                | CB                       | IEC/EN 62368-1                                                                                                                                                                              |
|                | EMC                      | ETSI EN 300 386                                                                                                                                                                             |
|                | CE                       | LVD Directive 2014/35/EU<br>EMC Directive 2014/30/EU<br>OHS Directive 2011/65/EU<br>WEEE Directive 2012/19/EU                                                                               |

## Environment

|      |           |
|------|-----------|
| RoHS | Compliant |
|------|-----------|

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