

# Smart PV Safety Box



## Simple & Easy

- Communicates with optimizers through DC power line
- Supports module-level real time monitoring & management

## Safe & Reliable

- Module-level shutdown capability to secure people and assets safety
- IP65, supports outdoor application

| Technical Specification                       | SmartPSB2000L                            |
|-----------------------------------------------|------------------------------------------|
| <b>DC Input</b>                               |                                          |
| Maximum input voltage                         | 600 V                                    |
| Number of inputs                              | 2                                        |
| Maximum input current per input               | 15 A                                     |
| <b>DC Output</b>                              |                                          |
| Maximum output voltage                        | 600 V                                    |
| Number of outputs                             | 2                                        |
| Maximum output current per output             | 15 A                                     |
| <b>Features</b>                               |                                          |
| Module-level remote management                | Yes                                      |
| Onsite master module shutdown                 | Yes                                      |
| <b>General Specification</b>                  |                                          |
| Dimension (H * W * D)                         | 149 * 149 * 49 mm (5.9 * 5.9 * 1.9 inch) |
| Weight                                        | 0.8 kg (1.8 lb)                          |
| Display                                       | LED Indicator                            |
| Communication                                 | PLC, RS485                               |
| Input type                                    | Amphenol HH4                             |
| Protection class (according to IEC 61140)     | II                                       |
| Operating temperature range                   | -30~55 °C                                |
| Degree of protection (according to IEC 60529) | IP65                                     |

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