

**PSiO6000W#600VPVKR****Features:**

Compatible for Big Capacity PV Panel  
WiFi / 4G Plug Optional



Max. PV Voltage up to 1100V  
Type II DC /AC SPD



DC/AC Ratio up to 1.5  
IP65 Protection



High Efficiency up to 98.7%  
Reactive Power Control



THE CROWN OF POWER SOLUTION

## Technical Specifications

| MODEL                               | PSiO6000W#600VPVKR        |
|-------------------------------------|---------------------------|
| Input(DC)                           |                           |
| Max. remonmmended PV power          | 8100W                     |
| Max. DC Voltage                     | 600V                      |
| Nominal Voltage                     | 380V                      |
| Start Voltage                       | 100V                      |
| MPPT Voltage Range                  | 80V-560V                  |
| Number of MPPT                      | 2                         |
| Strings Per MPPT                    | 1                         |
| Max. Input Current Per MPPT         | 15A                       |
| Max. Short-circuit Current Per MPPT | 18A                       |
| Output(AC)                          |                           |
| Nominal AC Output Power             | 6000W                     |
| Max. AC Output Power                | 6000VA                    |
| Nominal AC Voltage                  | 230V L-N                  |
| AC Grid Frequency Range             | 50Hz / 60Hz±5Hz           |
| Max. Output Current                 | 26A                       |
| Power Factor(Φ)                     | 0.8 leading ~ 0.8 lagging |
| THDi                                | 3%                        |
| Efficiency                          |                           |
| Max. Efficiency                     | 98.3%                     |
| Euro Efficiency                     | 97.9%                     |
| Protection Devices                  |                           |
| DC Switch                           | Yes                       |
| Output Over Current Protection      | Yes                       |
| Anti-islanding Protection           | Yes                       |
| DC Reverse Polarity Protection      | Yes                       |
| String Fault Detection              | Yes                       |
| DC/AC Surge Protection              | DC Type II;AC Type III    |
| Residual Current Monitoring         | Yes                       |
| AC Short Circuit Protection         | Yes                       |
| General Specifications              |                           |
| Dimensions W x H x D                | 380X380X150               |
| Weight                              | 11kg                      |
| Operating Temperature Range         | -25°C~+60°C               |
| Cooling Type                        | Natural                   |
| Max. Operating Altitude             | 4000m                     |
| Max. Operating Humidity             | 0-100%                    |
| AC Output Terminal Type             | Quick connector           |
| IP Class                            | IP65                      |
| Topology                            | Transformer-less          |
| Communication                       | RS485/Wifi/4G             |
| Display                             | LED                       |