Utility-Ready Solar PV Inverters
A Worldwide Leader in Solar Photovoltaics

Founded in 1985, Satcon Technology Corporation® is a specialized engineering firm that designs and delivers advanced power control solutions for the large-scale renewable energy industry.

With a strong focus on continuous research and development, our goal is to find solutions for tomorrow’s needs.

We set high standards for innovative, efficient and reliable products which integrate into the power grid and contribute to the renewable energy sources revolution.

Traded on the NASDAQ (SATC) since 1992, Satcon employs nearly 1000 people worldwide and has delivered more than 2.5 gigawatts (GW) of power conversion solutions.

Today, our world-class manufacturing and service elevates our quality standards to a new point:

A Total System Solution

The Building Blocks for Solar Innovation

Excellence
The Renewable Building Blocks for a Smarter, Faster Grid

Powerful, Efficient and Intelligent Utility-Ready Solutions

We are setting the standard for large-scale, utility-grade solar power production, offering advanced and proven power conversion solutions and system design services for large-scale renewable energy plants around the world.

**PowerGate Plus:**
With 2 GW installed, is one of the most widely deployed large-scale solar PV inverter solution.

**Satcon Equinox:**
98.5% Peak efficiency, combined with one of the industry’s widest thermal operating ranges - without derating nominal power.

**Satcon Prism Platform:**
Factory-integrated medium voltage package offering “plug and play” solution for multi-megawatt utility-scale projects.

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## Efficient Power Conversion from the Module to the Grid

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<td>Input Voltage Range</td>
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<td>Maximum Array Input Voltage</td>
<td>900 VDC</td>
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<td>Maximum Input Current</td>
<td>248 AOC</td>
<td>614 AOC</td>
<td>620 AOC</td>
<td>1229 AOC</td>
<td>1259 AOC</td>
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<td>7 x 100 A</td>
<td>7 x 100 A</td>
<td>11 x 100 A</td>
<td>20 x 100 A</td>
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<td><strong>DC Input combined Options</strong></td>
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<td>Combiner Bus Bar Inputs</td>
<td>4 x 25 A</td>
<td>12 x 25 A</td>
<td>12 x 25 A</td>
<td>20 x 25 A</td>
<td>20 x 25 A</td>
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<tr>
<td>Number of Inputs and Fuses</td>
<td>4 x 125 A</td>
<td>7 x 100 A</td>
<td>12 x 100 A</td>
<td>20 x 100 A</td>
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<td><strong>Transformer</strong></td>
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<tr>
<td>Integrated Transformer</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
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<tr>
<td>Efficiency</td>
<td>96.7%</td>
<td>97.2%</td>
<td>96.5%</td>
<td>97.0%*</td>
<td>97.8%*</td>
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<td><strong>Output Parameters</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal power</td>
<td>100 kW</td>
<td>250 kW</td>
<td>500 kW</td>
<td>625 kW (nominal)</td>
<td>755 kW at 50°C*</td>
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<tr>
<td>Nominal output voltage</td>
<td>400 VAC</td>
<td>295 VAC</td>
<td>400 VAC</td>
<td>295 VAC</td>
<td>355 VAC</td>
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<td>Maximum Output Current/Phase</td>
<td>145 A</td>
<td>545 A</td>
<td>361 A</td>
<td>1500 A</td>
<td>17.08 A</td>
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<td><strong>Standby Consumption</strong></td>
<td>64.5 W</td>
<td>140 W</td>
<td>120 W</td>
<td>175 W</td>
<td>155 W</td>
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<td><strong>Nominal Output Frequency, 3-Phase</strong></td>
<td>50 Hz</td>
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<tr>
<td><strong>Environment</strong></td>
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<tr>
<td>Operating Temperature Range (without Derating)</td>
<td>-20°C to +50°C</td>
<td>-20°C to +70°C</td>
<td>-20°C to +70°C</td>
<td>-20°C to +50°C</td>
<td></td>
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<tr>
<td>Storage Temperature Range</td>
<td>-40°C to +70°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Cooling</td>
<td>Forced Air</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Relative Humidity (non-condensing)</td>
<td>Up to 90%</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Inverter Cabinet</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cabinet Dimensions (L x W x H)</td>
<td>200 x 193 x 106 cm</td>
<td>227 x 261 x 105 cm</td>
<td>227 x 261 x 107 cm</td>
<td>235 x 391 x 109 cm</td>
<td>235 x 352 x 182 cm</td>
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<tr>
<td>Cabinet Weight</td>
<td>1175 kg</td>
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<td><strong>Endorsement</strong></td>
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<td><strong>Endorsement Rating</strong></td>
<td>IP44 Outdoor rated (IP54 optional for 500/625 kW model)</td>
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<tr>
<td><strong>Communication Interface</strong></td>
<td>ETHERNET</td>
<td></td>
<td></td>
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<tr>
<td><strong>PV View Plus</strong></td>
<td>0</td>
<td>0</td>
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<td><strong>PV Zone</strong></td>
<td>0</td>
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<tr>
<td><strong>Third Party Compatibility</strong></td>
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</table>

### Regulators and Standards Conformity

- CE mark
- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC, EN 62116, EN 62305
- LVRT according to BDEW, P.O. 12.3
- IEC 61724:2009
- IEEE 929-2000
- LVRT according to BDEW, P.O. 12.3
- IEEE 929-2000
- LVRT according to BDEW, P.O. 12.3
- IEEE 929-2000

**Communication and Monitoring**

- IP44 Outdoor rated (IP54 optional for 500/625 kW model)
- ETHERNET
- TCP/IP
- PV View Plus
- PV Zone

**Options with PowerGate Plus:**

- Weather Station
- SSC Smart Combiners
- Satcon Communication Card: CCM Gateway
- Fused Input Combiners

### Advanced Utility-Ready Features

- Open communication protocol integrated in scada system, compatible with virtually any third-party monitoring system and easily integrated into SCADA systems allowing fast communications
- Remote control of real and reactive power
- Low-voltage ride through
- Power factor control
- Simplified grid interconnection

### Rugged Construction

- Engineered for outdoor environments (no concrete building required)
- Solar shields to attached exterior of enclosure dissipate solar radiation, reduce heat build up

### Safe and Easy Maintenance

- Modular and accessible components
- Customizable large in-floor cable gland plates make installation of DC and AC cables easy
- Built-in DC and AC disconnect switches
- Integrated DC two-pole disconnect switch isolates the inverter, with the exception of the GFDI (Ground Fault Detection and Interruption) circuit, from the photovoltaic power system to allow inspection and maintenance
- Protective covers over exposed power connections

### Unparalleled Performance

- Wide thermal operating range: from -20°C to 50°C without derating
- With the Satcon Smart Combiner (SSC), string level currents monitoring
- Edge*MPPTracking technology: maximize system uptime and power production

**Options with PowerGate Plus:**

- Weather Station
- SSC Smart Combiners
- Satcon Communication Card: CCM Gateway
- Fused Input Combiners
Equinox Specifications

**500 kW CE** | **625 kW CE**
---|---
**Input Parameters**
Input Voltage Range | 420-850 VDC | 525-850 VDC
Maximum Array Input Voltage | 950 VDC | 1000 VDC
Maximum Input Current | 12.28 ADC | 1.24 ADC
**PV Array Configuration**
Floating | | ●
Negative Ground | | ●
Positive ground | | ●
**DC input combiner Options**
Combiner Bus Bar inputs | 24 |
Number of inputs and fuses | 20 x 200A/18 x 125A/16 x 160A/12 x 200A/12 x 250A/9 x 315A/6 x 400A | 20 x 100A/18 x 125A/16 x 160A/12 x 200A/12 x 250A/8 x 315A/6 x 400A
**Transformer**
Integrated Transformer | NO | NO
**Efficiency**
Maximum Efficiency | 98.5% | 98.5%
European Efficiency | 97.5% | 97.6%
**Output parameters**
Nominal power | 500 kW | 625 kW
Nominal output voltage | 265 VAC | 320 VAC
Output Voltage Range (-12%/10%) | 233-292 VAC | 282-352 VAC
Maximum Output Current/Phase | 1090 A | 1127 A
Standby Consumptions (tare losses including control power and aux.) | 160 W | 170 W
**Environmental**
Operating Temperature Range (without Derating) | -20°C to +50°C | -20°C to +50°C
Storage Temperature Range | -30°C to +70°C | -30°C to +70°C
Cooling | Forced Air | Forced Air
Elevation (maximum) | 4000m | 4000m
Noise Level (Distance of 3m) | ≤74 dB(A) | ≤74 dB(A)
Relative Humidity (Non-condensing) | Up to 90% | Up to 90%
**Inverter Cabinet**
Cabinet Dimensions (L x W x H) | 211 x 452 x 84 cm | 211 x 452 x 84 cm
Weight | 3090 kg | 3152 kg
Finish | RAL - 7032 | Standard
Weather & Base Trim Finish | RAL - 5021 | Standard
Protection Rating | IP54 | Standard
**Communication and Monitoring**
Communication Interface | Modbus RS485 | ●
Modbus TCP/IP | ●
Monitoring | PV View Plus | ●
PV Zone | ●
Third-Party Compatibility | ●
**Regulations and Standards Conformity**
LVRT according to BDEW, P. O. 12.3 | ●
RD 1663/2000 | ●
ENEL Connection Guidelines, Sec F (published 12.2008) | ●

**Proven Reliability**
**Easy Maintenance**
- Modular components make service efficient
- Convenient access to all components
- Customizable large in-floor cable glands make installation of DC and AC cables easy
- Integrated DC two-pole disconnect switch isolates the inverter, with the exception of the GFDI (Ground Fault Detection and Interruption) circuit, from the photovoltaic power system to allow inspection and maintenance

**Safety**
- Built-in DC and AC disconnect switches
- Protective covers over exposed power connections

**Streamlined Design**
- Support for external temperatures as low as -4°C with optional Winter climate package
- Designed for optimal performance in Desert, Tropical, and Winter climates
- IP54 Fully outdoor solution (no concrete building required) for maximum protection and longevity
- Double Wall system eliminates external air circulation from inside inverter
- Solar shields to attached exterior of enclosure dissipate solar radiation, reduce heat buildup

**Options with Equinox:**
- Weather Station
- SSC Smart Combiners
- Satcon Communication Card: CCM Gateway
- Fused Input Combiners

**Advanced Utility-Ready Features**
- Open communication protocol integrated in SCADA system, compatible with virtually any third-party monitoring system and easily integrated into SCADA systems allowing fast communications
- Remote control of real and reactive power Low-voltage ride through
- Power factor control
- Simplified grid interconnection

---

1 - Calculated at nominal power and minimum DC voltage
2 - Calculated without auxiliary power
3 - Operation above 1000 m results in a decrease in the maximum ambient temperature for full power operation. For each additional 1000 m in elevation, there is approximately a 2.5°C (4.5°F) decrease in the maximum ambient temperature for full power operation.
4 - 307 cm when using some combiner fuse kits. Information available upon request.
5 - Dependent on options selected

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*NOTE: All specifications are subject to change.*
Prism Platform ™
1.25 MW Equinox Platform

**Equinox Platform Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>EPP 1250 kW CE</th>
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<tr>
<td><strong>Input Parameters</strong></td>
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<tr>
<td>Input Voltage Range</td>
<td>525-850 VDC</td>
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<tr>
<td>Maximum Array Input Voltage</td>
<td>1000 VDC</td>
</tr>
<tr>
<td>Maximum Input Current</td>
<td>2400 (2 x 1200) A DC</td>
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<tr>
<td>PV Array Configuration</td>
<td>Floating</td>
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<tr>
<td>Positive Ground</td>
<td>Optional</td>
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<tr>
<td>DC input combiner Options</td>
<td>48 (2 x 24)</td>
</tr>
<tr>
<td>Combiner Bus Bar inputs</td>
<td>48 (2 x 24)</td>
</tr>
<tr>
<td>Number of inputs and fuses</td>
<td>40 (2 x 20 x 100A / 30 A / 2 x 120 A / 32 x 1 x 160 A / 24 x 2 x 200 A / 20 x 2 x 250 A / 16 x 2 x 315 A / 12 x 2 x 400 A)</td>
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<tr>
<td><strong>Transformer</strong></td>
<td></td>
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<tr>
<td>Integrated MV Transformer</td>
<td>Customer Specified, Up to 55 KV</td>
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<td><strong>Efficiency</strong></td>
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<tr>
<td>Maximum ²</td>
<td>98.5%*</td>
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<tr>
<td>European - Era</td>
<td>97.5%*</td>
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<tr>
<td><strong>Output parameters</strong></td>
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<tr>
<td>Nominal power</td>
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<td>Native Voltage, Low Voltage</td>
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<td>Native Output Voltage Range, [12% /10%]</td>
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<td>Nominal Medium Voltage Output</td>
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<td>Maximum Output Current/Phase</td>
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<td>Normal Operating Power Consumption (base loss + control power and aux.)</td>
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<td>Nominal Output Frequency, 3-Phase</td>
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<td>Harmonic Distortion</td>
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<td>Power Factor, Full Load</td>
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<td>Dynamic Power Factor Control</td>
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<td>Power Curtailing</td>
<td>D-100%, 1% steps</td>
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<td><strong>Environment</strong></td>
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<tr>
<td>Operating Temperature Range (without Denaturation)</td>
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<td>Storage Temperature Range</td>
<td>-30 °C to +70 °C</td>
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<tr>
<td>Cooling</td>
<td>Forced Air</td>
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<td>Elevation (maximum) ³</td>
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<td>Noise Level (Distance of 3m) ⁴</td>
<td>&lt;65 dB (A)</td>
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<td>Relative Humidity (Non-condensing)</td>
<td>Up to 90 %*</td>
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<td><strong>Enclosure</strong></td>
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<td>Base Dimensions (W x L)</td>
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<td>Weight, Nominal ⁵</td>
<td>1168 kg*</td>
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<td><strong>Factory vs. Field Integration</strong></td>
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<td><strong>Communication and Monitoring</strong></td>
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<td>Communication Interface</td>
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<td>Monitoring</td>
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<td>PV Zone</td>
<td>Optional</td>
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<tr>
<td>Third-Party Compatibility</td>
<td>Optional</td>
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</table>

1. Calculated at nominal power and minimum DC voltage.
2. Calculated without auxiliary power.
3. Operation above 1000 m (3,281 ft.) results in a decrease in the maximum ambient temperature for full power operation. For each additional 1000 m (3,281 ft.) in elevation, there is approximately a 2.5°C (4.5°F) decrease in the maximum ambient temperature for full power operation.

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**Utility-Ready MV platform**

- Pre-integrated 1.25 MW system for 1000 VDC arrays
- Optimized mechanical engineering
- Simplifies wiring, maintenance

**Factory vs. Field Integration**

- Easy, fast installation
- Reduced cost
- Ensured compatibility

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**Prism Platform ™**

Prism Platform ™ is a fully integrated 1.25 Megawatt medium-voltage (MV) solution optimized for utility-scale solar installations.

**Industrial-Strength Design**

Prism Platform ™ features an IP54 enclosure to ensure protection and longevity. Two mirror-image inverters streamline wiring and installation. As fully outdoor solution, Prism Platform ™ does not require an external climate-controlled or concrete enclosure, reducing both cost and space requirements.

**Easy Utility-Ready Installation**

Prism Platform ™ is a turnkey utility-ready building block for PV installations. Installation is as simple as placing the unit by crane and connecting both ends. Prism Platform ™ can be easily transported in a 40 foot (12 m) shipping container and has a small footprint.

**Prism Platform ™ – Equinox: Highly Efficient, Highly Adaptable**

Prism Platform ™ – Equinox features a high peak efficiency of 98.5%* and a wide thermal operating range from -20° C to 50° C. With an optional heater, it supports temperatures as low as -40° C F. Prism Platform ™ – Equinox delivers peak performance for utility-scale PV plants virtually anywhere in the world.

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**Advanced Utility-Ready Features**

- Open communication protocol integrated in scada system, compatible with virtually any third-party monitoring system and easily integrated into SCADA systems allowing fast communications.
- Remote control of real and reactive power
- Low-voltage ride through
- Power factor control
- Simplified grid interconnection

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**Utility-Ready MV platform**

- Pre-integrated 1.25 MW system for 1,000 VDC arrays
- Optimized mechanical engineering
Intelligent String Monitoring

The Satcon® Smart Combiner (SSC) improves solar array monitoring by sensing current at the string level. Its comprehensive diagnostic capabilities identify string-level connection and performance issues with remarkable speed and accuracy.

Satcon Smart Combiner Specifications

<table>
<thead>
<tr>
<th>Input Parameters</th>
<th>SSC-12-10 CE</th>
<th>SSC-12-10-D CE</th>
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<tbody>
<tr>
<td>Input Voltage Range</td>
<td>100-1000 VDC</td>
<td>100-1000 VDC</td>
</tr>
<tr>
<td>Maximum Array Input Voltage</td>
<td>1000 VDC</td>
<td>1000 VDC</td>
</tr>
<tr>
<td>Maximum Current / Input</td>
<td>10 ADC / String x 12 Strings</td>
<td>10 ADC / String x 12 Strings</td>
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<tr>
<td>PV Array Configuration</td>
<td>Floating</td>
<td>Floating</td>
</tr>
<tr>
<td>Fuse Size</td>
<td>4A/6A/8A/10A, 12A/12A, 16A/16A</td>
<td>3A/6A/8A/10A, 5A/5A, 6A/6A</td>
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<tr>
<td>String Connection Range</td>
<td>4 - 16 mm² (No. 10 - No. 6 AWG)</td>
<td>4 - 16 mm² (No. 10 - No. 6 AWG)</td>
</tr>
<tr>
<td>Environment</td>
<td>50 - 100°C, 1000 VDC (10 x 38 mm)</td>
<td>50 - 100°C, 1000 VDC (10 x 38 mm)</td>
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<tr>
<td>Recommended Communication Cable</td>
<td>USE-2 0.82mm², 2 pair stranded, shielded PVC direct burial cable (or equivalent)</td>
<td>USE-2 0.82mm², 2 pair stranded, shielded PVC direct burial cable (or equivalent)</td>
</tr>
</tbody>
</table>

Reliable and robust
- IP65 Outdoor
- UV resistant
- Wide operational temperature range

Comprehensive String-Level Sensing
- Accommodates up to 12 inputs
- Accommodates 4 to 16 A fuses to best match string current
- Identifies array connection and performance issues rapidly
- Features multi-sensor temperature monitoring

Finger-Safe Fuse Holders
- Available for floating configuration as well as for positively or negatively grounded arrays
- Overvoltage protection included
- Range of fuse sizes offered
- Manual and remote DC disconnect options available

Compatibility
- All PowerGate Plus and Equinox PV inverters
- Any RS-485-compatible PV inverter

PV View® Plus is an on-demand monitoring software package that allows customers to use an internet connection to retrieve information about the operation of their grid-tied photovoltaic system from anywhere in the world.

PV View Plus is easy to install and integrate to your Satcon® inverter. It provides a full range of alerts and notifications that enable faster problem resolution and higher system uptime.

Installers, operators, as well as end users can have accounts in the system, giving them visibility to their respective sites.

Standard Features:
- Viewable in Web Interface
- DC input voltage from PV array
- DC input power from PV array
- DC input current from PV array
- AC phase current from inverter
- AC voltage from inverter
- AC real power from inverter
- Energy production by Report Downloading
- Fault status
- DC ground current

Optional Features:
- With the Satcon Smart Combiner (SSC), string level currents
- With the Combiner/PV Zone® option, DC current of each sub-array
- With the Weather Station, site-specific information useful for calculating expected system performance

Package Options:
- PV View Plus is available for Satcon PowerGate® Plus, Equinox™ and Prism Platform™
- It is offered as a base package or with any combination of the different options.

Please visit Satcon’s Resource Library for additional tools and product information, including:
- The Satcon’s product configurator
- The Satcon’s String Sizing Calculator
- Training and Support resources:
  - On demand video training
  - Articles, white papers and case studies

www.satcon.com
In addition to intelligent design and technology procurement decisions, complete lifecycle management is the final major consideration to achieve the highest levels of performance metrics in utility-scale solar.

Satcon puts these offerings under the brand Energy Equity Protection composed of Satcon Design Services, Service Support and Warranty Plans.

**Satcon Design Services**

Gaining full value out of your photovoltaic system starts with optimized system design.

Satcon’s Design Services organization will guide you through all phases of project development using our broad experience and engineering skills.

Our application engineering team can help you to complete the design solution for your system, advising you from the initial contact through project.
Maximize System Performance over the Lifespan of Your Project

Our solution experts can help commission, maintain and repair your photovoltaic inverter, responding to any issue that you may have. This gives you the confidence that this key component in your system is operating at the highest level of performance at all times.

Satcon’s industry-leading suite of service plan options will reduce system downtime and lower your total cost of ownership, enabling you to mitigate risk, while at the same time delivering an increased return on your investment.

Standard Satcon 5-Year Warranty

All Satcon® solar photovoltaic inverters come with a standard 5-year unlimited hour usage warranty covering service parts and labor used in accordance with the inverter service schedule.

Extended Warranty

The Satcon Extended Warranty Plan is an extension of the Satcon 5-year unlimited hour usage warranty for a period of up to 20 years. The Satcon Extended Warranty can be purchased in one or five year blocks at any time at an additional cost within the warranty period prior to the expiration of the current warranty.

Preventative Maintenance Plan

Satcon offers Preventative Maintenance (PM) Plans to ensure your solutions operate at the highest levels of efficiency and reliability throughout the lifespan of your installation.

Administered by and on behalf of Satcon, our experts will care for your PV inverter with annual and semi-annual service.

The Preventative Maintenance Plan is available in five-year blocks up to twenty years and can be added at any time while the inverter is within the term of an active warranty period.

Uptime Guarantee

Upon the purchase of a Preventative Maintenance (PM) Plan, you have the option to acquire our 99% Uptime Guarantee.

If the inverter is not delivering power due to inverter failure for any portion of daylight hours, the system owner will be compensated for the energy (kWh) that would have been delivered by a fully functional inverter. This energy will be calculated based on the solar irradiance, the array capacity, the rate per kWh, and the system efficiency for the hours when the inverter is down.
Les Méès | 18 MW
Les Méès, Alpes-Haute-Provence, France
Enfinity
32 PowerGate Plus 500 kW

Ralsko & Minon | 53.7 MW
Ralsko, Czech Republic
CEZ Group
103 PowerGate Plus 500 kW
2 PowerGate Plus 250 kW

Intel | 1 MW
Folsom, California, USA
Solar City
3 PowerGate Plus 500 kW

Customer References

Some of our Customers

- Advanced Energy Systems
- Advanced Solar Products, Inc.
- AE Photonics
- AEE Solar
- Affema
- Affordable Solar
- Akea Solar
- American Capital Energy
- Antelio
- APS
- Astronergy
- ATS
- Beumont Electric Company
- Borego Solar
- Canadian Solar
- Carlisle Syntec
- Carmanah
- Cascade Engineering
- CE Solar / Energy21
- CEZ Group
- Chevron Energy Solutions
- China Energy Conservation and Environmental Protection Group
- China Guodian Corp.
- CleanTech America
- Conergy
- Cupertino Electric, Inc.
- DC Power Systems
- DEG
- DRI
- Duke Energy
- Eastern Energy Services
- Easy Power
- Ecolinvest
- Ecosystem
- Elvosolar
- Encore
- Enelcon International
- Enel Green Power
- Enerpoint
- Enfinity
- EnXco
- Esco
- Exelon
- Exosun SAS
- Faenza Energia
- Finlo Renewable Energy
- Florida Power and Light
- Flutechnik
- GCL Solar
- GE Energy
- Gexpro
- Greenwatt
- GroSolar
- Honeywell
- Independent Energy Solution
- Inglett and Stubbs
- Intermountain Electric Corp.
- iPower
- Johnson Controls Inc.
- Millennium Design Builders
- Moehring Energie
- MTTS
- Namaste Solar
- Narencq
- National Renewable Energy Corporation
- Nazca
- Ozz Solar Inc.
- Pacific Gas and Electric Co.
- Pacific Power Management, LLC
- Parity Solar
- Pepsico Energy Services
- Photon Energy Services
- Poweo
- Proener
- Q-Cells
- Real Goods
- REC Solar
- Recurrent Energy / Suntech Relatio
- Reliance Industries Ltd
- Samsung America, Inc.
- Schueco
- SDL Solar
- Secco
- Siemens Building Technologies
- Siliken Renewable Energy
- Siron
- Sitel
- Sky Power
- Smart-Energy-Solutions
- Sol Focus
- Solar Cells Hellas
- Solar Center
- Solar City
- Solar Depot
- Solar Development, Inc.
- Solar Electrical Systems
- Solar Generation
- Solar Liberty
- Solar World
- SolarCraft
- SolFocus, Inc.
- Solon America Corp
- Southern California Edison
- SPG Solar
- Spire Solar
- Standard Solar
- Staisty Elektronik
- Stellar Energy Solutions
- Sun Electrics
- Sun Light and Power
- Sun Oasis
- Sun Tech
- Sun Wize
- SunEdison
- SunGreen Systems
- SunPower Corporation
- Sunstore Solar Energy Solutions
- Trane
- Turtle Energy
- US Solar Distributing
- Vanguard Energy Partners
- Xnergy
- Yunnan Provincial Power Investment Co.