



- Low voltage-temperature coefficient enhances high-temperature operation.
- Exceptional low-light performance and high sensitivity to light across the entire solar spectrum.
- 10-Year limited warranty on power output and performance.
- 2-Year limited warranty on materials and workmanship.
- Sealed, waterproof, multi-functional junction box gives high level of safety.
- High performance bypass diodes minimize the power drop caused by shade.
- Advanced EVA (Ethylene Vinyl Acetate) encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation.
- A sturdy, anodized aluminium frame allows modules to be easily roof-mounted with a variety of standard mounting systems.
- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance.
- High power models with pre wired quick-connect system with MC4 (PV-ST01) connectors.

| Model | Description | Weight | Electrical data under STC (1) | | | | |
|-----------|------------------------------|--------|-------------------------------|-------------------|-------------------|----------------------|-----------------------|
| | | | Nominal Power | Max-Power Voltage | Max-Power Current | Open-Circuit Voltage | Short-Circuit Current |
| | | | PMPP | VMPP | IMPP | VOC | ISC |
| | | | Kg | W | V | A | V |
| SZ-20-32M | 20-12V-MONO360mm*490mm*25mm | 2 | 20 | 16.2 | 1.23 | 19.1 | 1.47 |
| SZ-30-36M | 30-12V-MONO360mm*540mm*25mm | 3 | 30 | 18.2 | 1.65 | 21.5 | 1.98 |
| SZ-40-36M | 40-12V-MONO670mm*430mm*25mm | 3.7 | 40 | 18.2 | 2.2 | 21.5 | 2.51 |
| SZ-50-36M | 50-12V-MONO670mm*540mm*30mm | 4.1 | 50 | 18.2 | 2.75 | 21.5 | 2.23 |
| SZ-60-40M | 60-12V-MONO 670mm*600mm*30mm | 6 | 60 | 20.2 | 2.97 | 23.9 | 3.44 |
| SZ-80-36M | 80-12V-MONO670mm*770mm*30mm | 7.6 | 80 | 18.2 | 4.4 | 21.5 | 4.91 |

| | | | | | | | |
|-------------------------------|--------------------|-----------|-----------|-----------|-----------|-----------|--|
| Model | SZ-20-32M | SZ-30-36M | SZ-40-36M | SZ-50-36M | SZ-60-40M | SZ-80-36M | |
| Nominal Power (±3% tolerance) | 20W | 30W | 40W | 50W | 60W | 80W | |
| Cell type | Monocrystalline | | | | | | |
| Number of cells in series | 32 | 36 | 36 | 36 | 40 | 36 | |
| Connector Type | Mc4 | | | | | | |
| Output tolerance | +3% | | | | | | |
| Frame | Aluminium | | | | | | |
| Product warranty | 5 years | | | | | | |
| Smallest packaging unit | 1 panel individual | | | | | | |

1) STC (Standard Test Conditions): 1000 W/m², 25°C, AM (Air Mass) 1.5