



- 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-100-36M	100W-12VMono670mm*1020mm*35mm	7.6	100	16.7	5.99	19.7	6.51
SZ-100-33M	100W-12VMono510mm*1200mm*35mm	7.6	100	16.7	5.99	19.7	6.51
SZ-110-36M	110W-12VMono 670mm*1200mm*35mm	7.6	110	16.7	6.58	19.7	7.09
SZ-120-36M	120W-12VMono 670mm*1120mm*35mm	8.2	120	18.2	6.59	21.5	7.08
SZ-150-36M	150W-12VMono 670mm*1480mm*35mm	12	150	18.2	8.24	21.5	8.72
SZ-160-36M	160W-12VMono 670mm*1480mm*35mm	12	160	18.2	8.79	21.5	9.31
SZ-180-36M	180W-12VMono670mm*1480mm*35mm	12	180	18.2	9.89	21.5	10.41

Model	SZ-100-36M	SZ-100-33M	SZ-110-36M	SZ-120-36M	SZ-150-36M	SZ-160-36M	SZ-180-36M
Nominal Power (±3% tolerance)	100W	100W	110W	120W	150W	160W	180W
Cell type	Monocrystalline						
Number of cells in series	36	33	36	36	36	36	36
Connector Type	Mc4						
Output tolerance	+3%						
Frame	Aluminium						
Product warranty	5years						
Smallest packaging unit	1 panel individual						

1) STC (Standard Test Conditions): 1000 W/m<sup>2</sup> , 25°C, AM (Air Mass) 1.5