



GREEN ENERGIE SOLAR GmbH

SOLAR PANELS

Mono-rigide 20-80W



·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	A
SZ-20-32M	20-12V-MONO 360mm*490mm*25mm	2	20	16.2	1.23	19.1	1.47
SZ-30-36M	30-12V-MONO 360mm*540mm*25mm	3	30	18.2	1.65	21.5	1.98
SZ-40-36M	40-12V-MONO 670mm*430mm*25mm	3.7	40	18.2	2.2	21.5	2.51
SZ-50-36M	50-12V-MONO 670mm*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-MONO 670mm*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	2 years						
Smallest packaging unit	1 panel individual						

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

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www.e-solare.com

