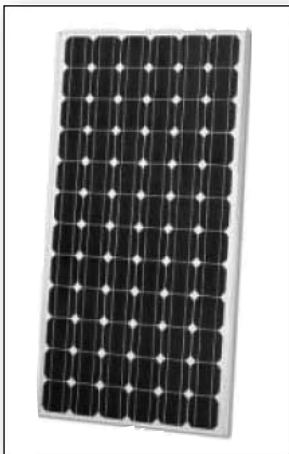


Solar Modules

Sharp

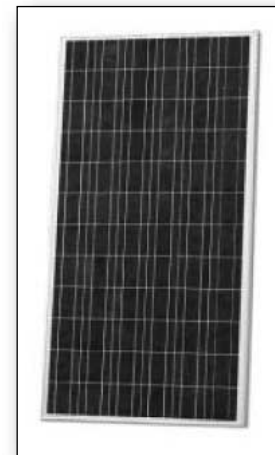
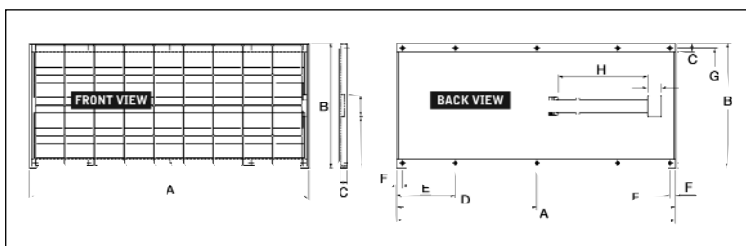
Solar Module Features

Sharp's modules are designed for a variety of electrical power requirements. Based on crystal silicon solar technology, the modules have superb durability to withstand rigorous operating conditions. The 123 and 165 watt modules use multi-crystal silicon solar cells and the 175 and 185 watt modules use single crystal silicon solar cells. The modules feature bypass diodes to minimize power drop caused by shade and BSF (Black Surface Field) structure to improve cell conversion efficiency. Aluminum frames. All modules are UL listed, include a 51" lead wire with MC connectors and carry a 25-year warranty.

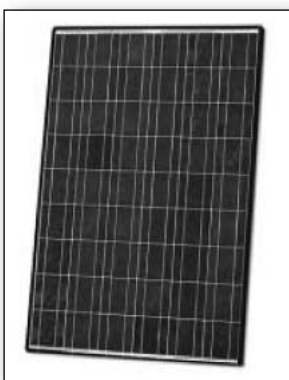


Sharp NT-S5E1U 185W module

Physical Dimensions in inches								
MODEL	A	B	C	D	E	F	G	H
175/185	62.0	32.5	1.8	30.9	19.1	7.3	30.5	51.1
165	62.0	32.5	1.8	30.9	19.1	7.3	30.5	51.1
123	59.0	26.0	1.8	29.5	n/a	9.8	24.4	51.1



NE-Q5E2U 165W module



Sharp ND-L3E1U 123W module

Model	Watts	Vmp	Imp	Voc	Isc	Dimensions	Weight	MSRP
ND-L3E1U	123	17.2	7.16	21.3	8.12	59.02" x 26.06"	30.87	\$799.00
NE-Q5E2U	165	34.6	4.77	43.1	5.46	62.00" x 32.52"	37.49	\$1079.00
NT-R5E1U	175	35.4	4.95	44.4	5.55	62.00" x 32.52"	37.49	\$1159.00
NT-S5E1U	185	36.2	5.11	44.9	5.75	62.00" x 32.52"	37.49	\$1225.00