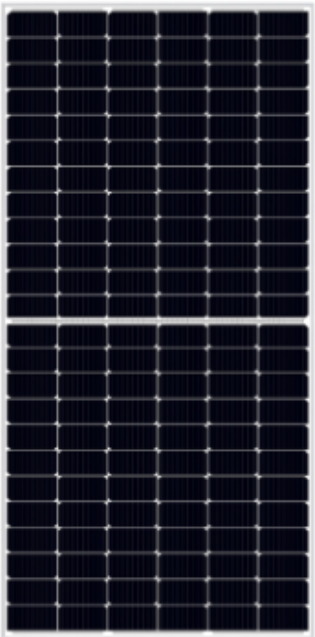


HALF MONO-CRYSTALLINE SOLAR MODULE
SE450M-144H



Module Type	SE450M-144H
Peak Power(Pmax)	450W
Power Tolerance	±3%
Cell Type	Mono-Crystalline Silicon , 166mm×83mm
Number of Cells	144 cells in series
Weight	25 kg
Dimensions	2094×1038×35mm
Maximu Power Voltage (Vmp)	41.04V
Maximu Power Current (Imp)	10.98A
Open Circuit Voltage (Voc)	49.58V
Short Circuit Current (Isc)	11.55A
Cell Efficiency	20.80%
Module Efficiency	18.50%
Maximu System Voltage	DC 1000V(TUV)/600V(UL)
Temp.Coeff.of Isc(TK Isc)	0.037%/C°
Temp.Coeff.of Voc(TK Voc)	-0.34%/C°
Temp.Coeff.of Pmax(TK Pmax)	-0.48%/C°
Normal Operting Cell Temperature	45±2C°
Glass Thickness	3.2 mm
Static Loading	≤5400Pa
Cable Cross Section Size	4mm2
Warranty	25 years 90% and 30 years 80% of power warranty