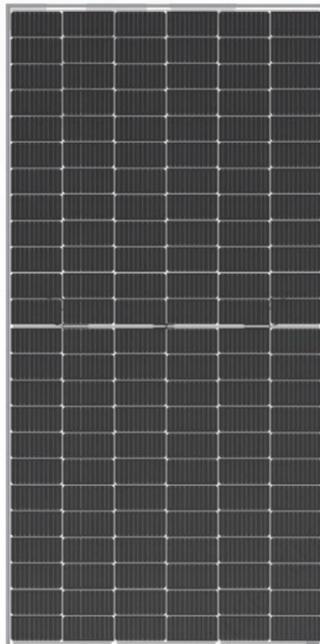


390W-410W

M10 HALF CELL MONO



Performance characteristics

180 CELL

MBB MONO PERC

21.01%

MAXIMUM EFFICIENCY

0 to +5W

POSITIVE POWER TOLERANCE

TEMPERATURE RATINGS

MAXIMUM RATING

Nominal Operating Cell Temperature(NOCT)	45±2°C	Operational Temperature	-40 to +85°C
Temperature Coefficient of P _{MAX}	-0.348%/°C	Maximum System Voltage	1500V DC
Temperature Coefficient of V _{oc}	-0.282%/°C	Max Series Fuse Rating	25A
Temperature Coefficient of I _{sc}	+0.05%/°C	Mechanical Load	5400pa
		Wind Load	2400pa

Technical parameters

Module Type		54M390HM10		54M395HM10		54M400HM10		54M405HM10		54M410HM10	
Test Environment		STC	NOCT								
Maximum Power	P _{MAX} (W)	390	290.25	395	293.97	400	297.69	405	301.41	410	305.13
Maximum Power Voltage	V _{MPP} (V)	30.17	28.07	30.36	28.25	30.55	28.42	30.74	28.60	30.93	28.78
Maximum Power Current	I _{MPP} (A)	12.93	10.34	13.02	10.41	13.1	10.48	13.12	10.49	13.26	10.60
Open Circuit Voltage	V _{oc} (V)	36.55	34.50	36.78	34.72	37.01	34.93	37.24	35.15	37.47	35.37
Short Circuit Current	I _{sc} (V)	13.61	10.99	13.70	11.07	13.79	11.13	13.81	11.25	13.96	11.27
Tolerance	(W)	0-+5		0-+5		0-+5		0-+5		0-+5	
Module Efficiency	(%)	19.98		20.24		20.5		20.75		21.01	

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction fo 4.5% at 200W/m² according to EN 60904-1

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s

MECHANICAL DATA

Solar Cells	MBB Mono PERC 182x91mm
Cell Orientation	108 Cells (6 x 18)
Module Dimensions	1723x1133x35mm
Weight	21.5kg
Glass	3.2mm Low-Iron Tempered Suede Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy(Black Available)
J-Box	IP 68 Rated
Cables	Photovoltaic Technology Cable 4.0mm',350mm
Connector	EV02 or EV02 Compatible
PACKAGING CONFIGURATION	Modules per Box:31 Pieces Modules per 40'Container:720 Pieces