

HALF-CELL MONOFACIAL MODULE

TYPE: Mono PERC 390-410W



STOREPOWER

POWER OUTPUT

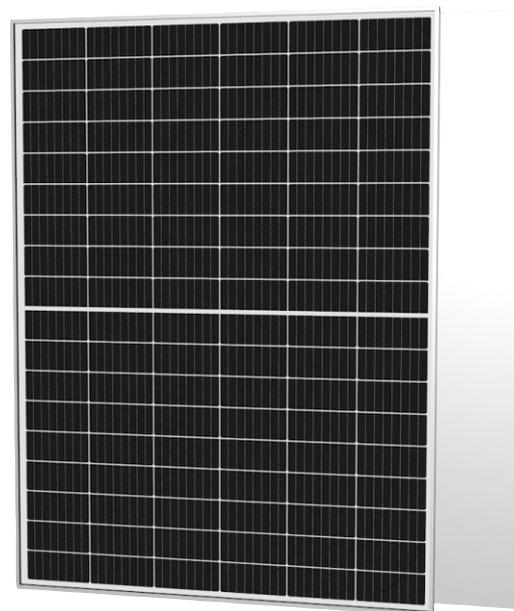
390-410W

MAX EFFICIENCY

21.0%

Mechanical Characteristics

Solar Cell	Monocrystalline silicon 182 mm
No. of Cells	108 (6 × 18)
Dimensions	1722 × 1134 × 30 mm (67.8 × 44.6 × 1.2 inches)
Weight	21.0 kgs (46.3 lbs.)
Front Glass	3.2 mm (0.126 inches) fully tempered glass
Output Cables	4.0 mm ² (-) 350 mm (+) 160 mm in length or customized length
Junction Box	IP68 rated (3 bypass diodes)
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1500 V DC (IEC)
Maximum Series Fuse Rating	25 A
Power Tolerance	0/+5 W



Electrical Characteristics

Module Type	Mono PERC 410W		Mono PERC 405W		Mono PERC 400W		Mono PERC 395W		Mono PERC 390W	
	STC	NMOT								
Testing Condition	STC	NMOT								
Maximum Power (Pmax/W)	410	309.6	405	306.0	400	302.3	395	298.6	390	294.9
Optimum Operating Voltage (Vmp/V)	31.59	29.2	31.38	29.0	31.18	28.8	30.98	28.6	30.76	28.4
Optimum Operating Current (Imp/A)	12.98	10.62	12.91	10.56	12.83	10.50	12.76	10.44	12.69	10.38
Open Circuit Voltage (Voc/V)	37.45	35.2	37.24	35.0	37.04	34.8	36.84	34.6	36.62	34.4
Short Circuit Current (Isc/A)	13.88	11.16	13.81	11.10	13.73	11.04	13.66	10.98	13.59	10.93
Module Efficiency (%)	21.0		20.7		20.5		20.2		20.0	

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42 ± 2 °C
Temperature Coefficient of Pmax	-0.34%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	0.050%/°C



Packing Configuration

Container	40' HC
Pieces per pallet	36
Pallets per container	26
Pieces per container	936
Packaging box dimensions	1755×1120×1255 mm
Packaging box weight	794 kg