

HEX BI-FACIAL 20000

Hex bi-facial 2000

8 high-quality bi-facial solar panels	3.2mm PERC Bi-facial solar panel iron matt tempered glass max 2.356Wp*
Battery storage	Optional
Switch time inverter	<10min
Sun and Albedo tracing system	Self-learning
Azimuth range	240°
Angle of inclination	0° - 55° Mechanical adjustable
Solar energy charge	~10kWh/per day
Mobility charger	Optional
Working temperature	-20 °C~60 °C
Total weight	approx. 245kg
Wind resistance	Class 2 – DIN EN12424
Protection level inverter	IP21/IP65
Service and operation tracing system	GPRS/GSM 4G

Panel specifications

Rated peak power (including Albedo effect)		Each panel 120Wp \pm 5% Bi-facial (\pm 240Wp) Albedo effect: (30%) 1600Wp (60%) 2000Wp (90%) 2356Wp*	
Open circuit voltage	26.5V \pm 10%	Open circuit current	5.53A \pm 10%
Voltage Vmp	22.6V \pm 10%	Current Imp	5.31A \pm 10%

Inverter - storage inverter

Max AC charge current	50V
Nominal voltage AC	220/230/240V \pm 2%
Power	3KVA
MPPT Charger maximum efficiency	98%

Grid regulation RD 1699/NRS 097, EN50549-1, EN50549-10, wind resistance class 2

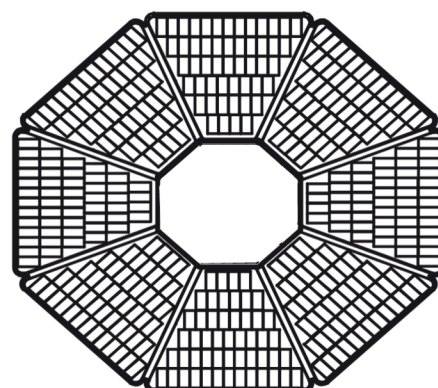
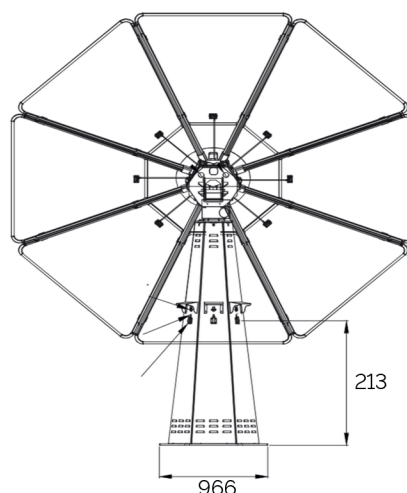
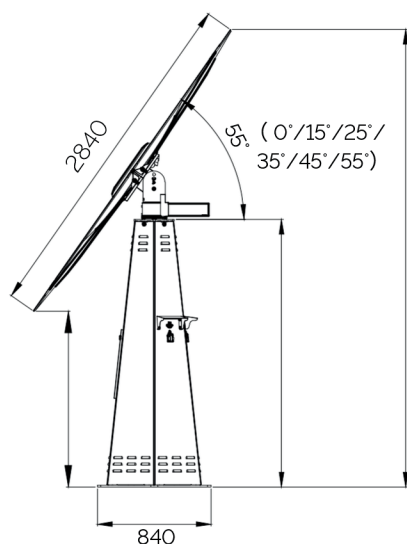


Figure 1. Dimension and diameter HEX Bi-facial 2000

Figure 2. Dimension of solar panel