ECOPLANT®
SUN TRACING SOLAR

MADE WITH LOVE 4 ALL

RGB

HEX BI-FACIAL 4000

Hex bi-facial 4000	
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 ± 5% Bi-facial (± 240Wp) Albedo effect: (30%) 1600Wp (60%) 2000Wp (90%) 2356Wp*	
Open circuit voltage	26.5V ± 10%	Open circuit current	5.53A =/- 10%
Voltage Vmp	22.6V ± 10%	Current Imp	5.31A =/- 10%

Inverter – storage inverter	
Max AC charge current	50V
Nominal voltage AC	220/230/240V ± 2%
Power	3KVA
MPPT Charger maximum efficiency	98%

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

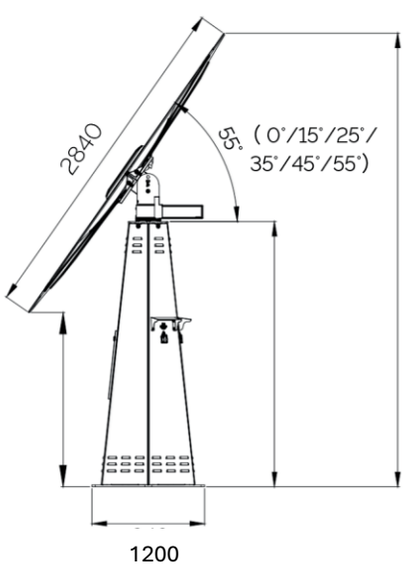
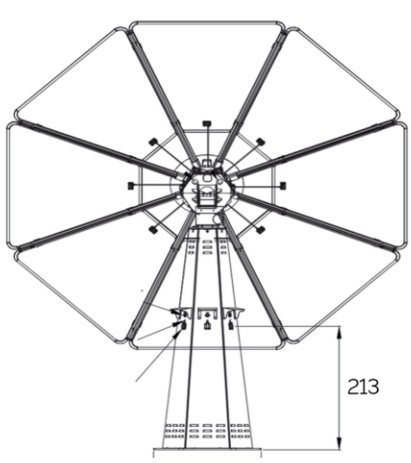


Figure 1. Dimension and diameter HEX Bi-facial



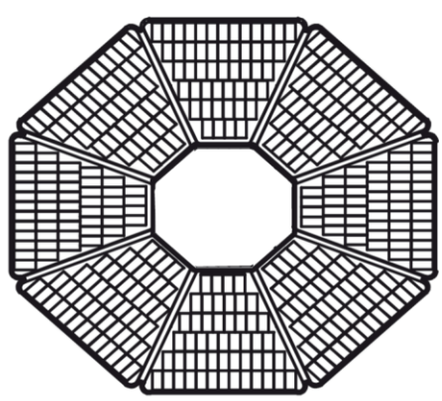


Figure 2. Dimension of solar panel