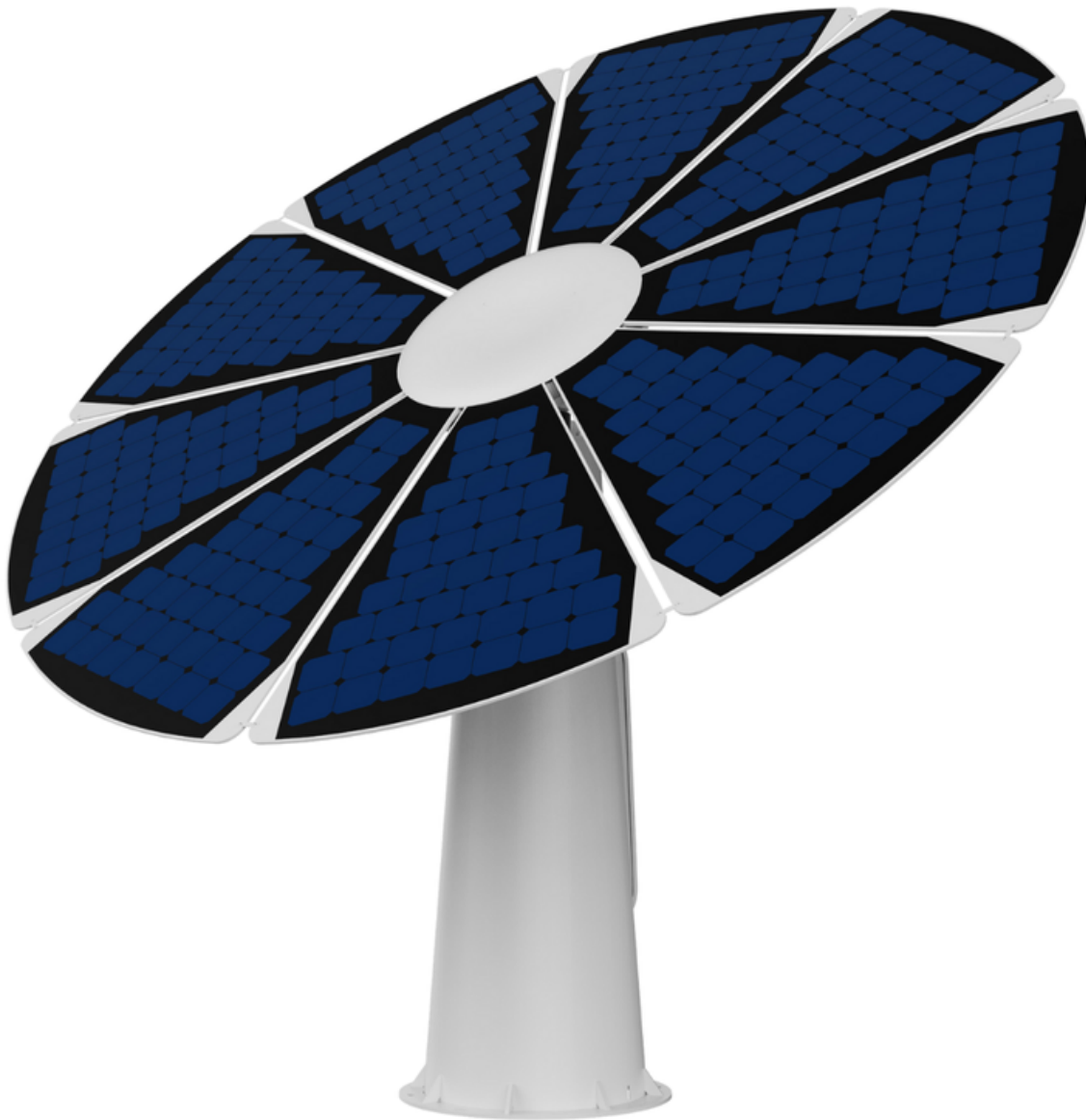




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PLHX 5000

PHLX 5000 Hybrid

9 high-quality solar panels	Monocrystalline silicon solar panel with carbon fibre coating per panel 200Wp $\pm$ 5%
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	<15kWh/per day possible
Mobility charger	Optional
Working temperature	-20 °C~60 °C
Total weight	approx. 810kg
Wind resistance certification	Class 2
Protection level inverter	IP21/IP65
Service and operation tracing system	GPRS/GSM 4G

Panel specifications

Rated peak power	Solar panel power 1800Wp		
Open circuit voltage	36.7V $\pm$ 10%	Open circuit current	7.02 A $\pm$ 10%
Voltage Vmp	31.3V $\pm$ 10%	Current Imp	6.71A $\pm$ 10%

Inverter - storage inverter

Nominal DC voltage/maximum charger current	48V/80A
Nominal voltage AC	230V
Power	3KVA
PV charger/efficiency	95%

Grid regulation RD 1699/NRS 097, EN50549-1, EN50549-10 *Depending on local factors and location, no

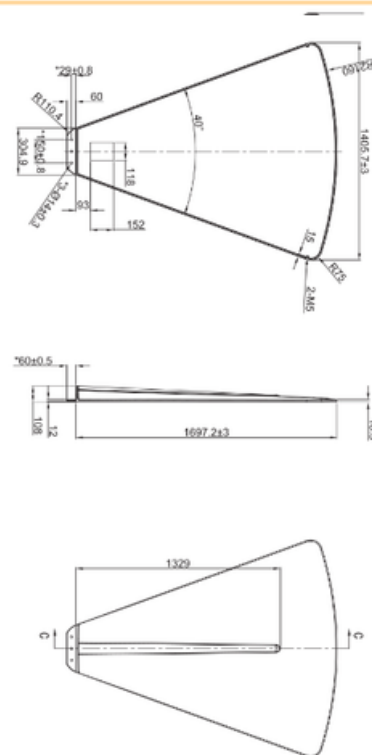
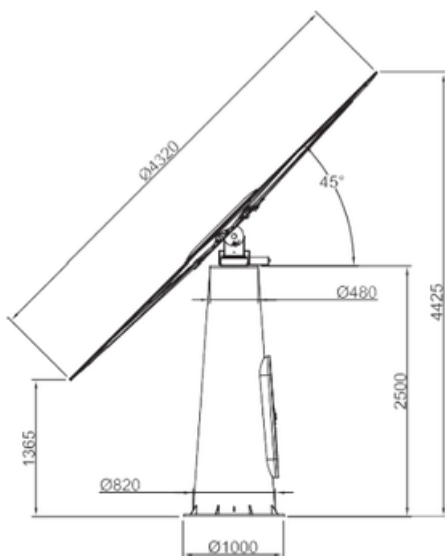
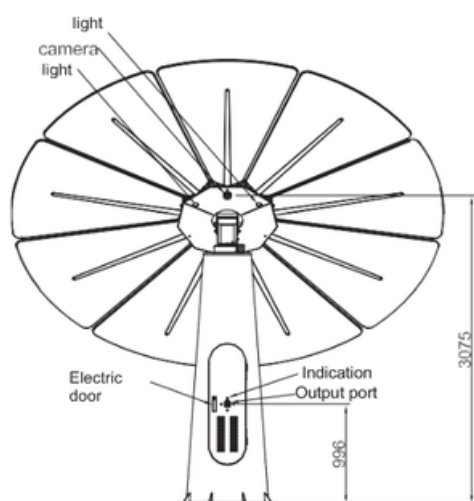


Figure 1. Dimension and diameter PHLX5000

Figure 2. Dimension of solar