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The Energy Efficiency Company

2.2 kW ROOFTOP SOLAR GENERATING SYSTEM with **SUN TRACKING CAROUSELS**

INCLUDES:

- **2 SUNTRACK CAROUSELS**
for building flat rooftops
- **Eight 260 - 270 W or
Twelve 180 – 190 W
PV modules**
- **2100 – 2500 W inverter for
grid-tied installation**
- **Optional webbox for
monitoring power output**

FEATURES:

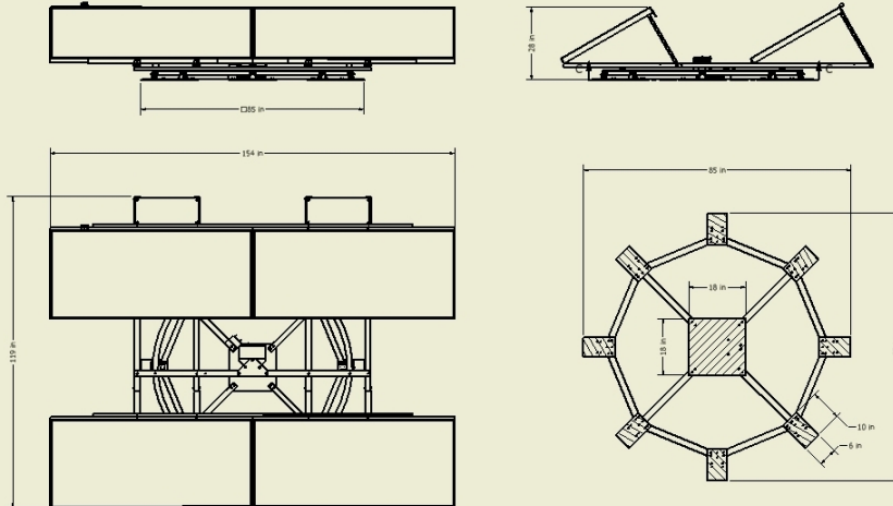
- **Sun tracking provides up to 40%
more kW-Hs output from kW
power installed**
- **No penetration roof installation**
- **Low wind resistance**
- **Pre-assembled delivery for low
cost installation**





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SunTrack Carousel Dimensions:

- Height: 28 in (0.71 m)
- Plan: 129 x 119 in (3.3 x 3.0 m)
- Base: 85 x 85 in (2.2x 2.2 m)
- Footprint:
 - Center plate: 18 x 18 in (0.55 x 0.55 m)
 - 8 plates 10 in x 6 in (0.25 x 0.18 m)

SunTrack Carousel Weight:

- Total with Modules: 400 lb (180 kg)
- Carousel Tracker: 200 lb (90 kg)
- Footprint Pressure: 0.5 psi (0.035 kg/sm²)

2.2 kW System Installation – 2 Carousels

- Total area: 34 x 16 ft (10.4 x 4.9 m)
- Total weight: 800 lb (360 kg)
- Roof slope: up to 5 degrees
- Ballast: for each carousel: 12 cement blocks 16 in x 16 in x 2 in (406 x 406 x 51 mm)
- Area Pressure: 0.03 psi (0.002 kg/sm²)
- Roof protection: 1/4 – 1/2 in (6 – 12 mm) rubber mats under base plates
- System includes 24 VDC power supply for driver motor

