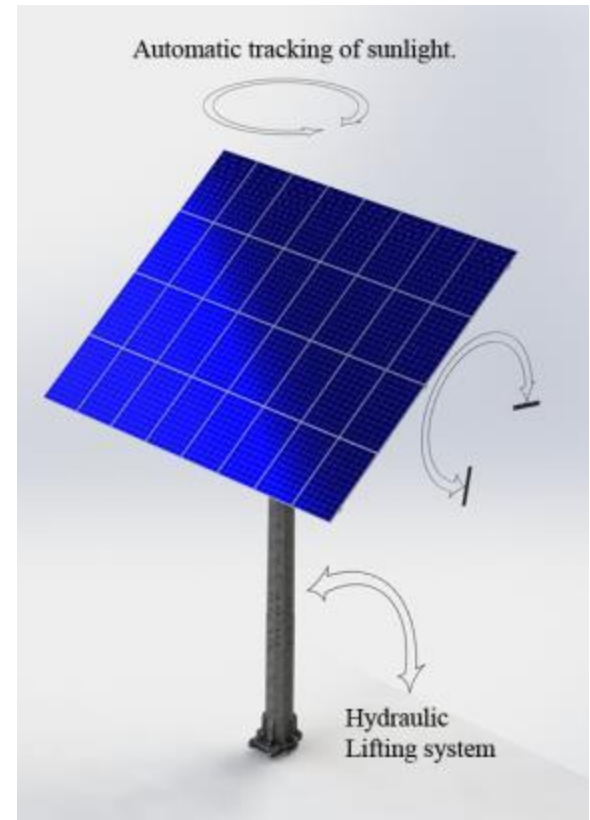


# Solar Energy





## Solar Energy Towers

Automatic tracking of  
Sunlight, **70 %** more energy

2 pcs -20 kW / unit

- ✓ The most outstanding / superior method of energy production in the sunny areas
- ✓ Compared to the fixed-mounted solar cells, model following the sun is able to produce even **70 %** more energy
- ✓ For easy maintenance and assembly, the tower has a hydraulic mechanism for lifting and discharging
- ✓ The installation will not require concrete molding nor heavy lifting equipment
- ✓ The 'storm protection' will automatically steer the cell away from the wind
- ✓ Solar cells Automatic air cleaning





Quattro Solar Energy Tower in vertical sun tracking -100 kW  
(Without horizontal turning)

The hydraulic lifting and dismantle.

The tower has a hydraulic lifting mechanism inside of it.

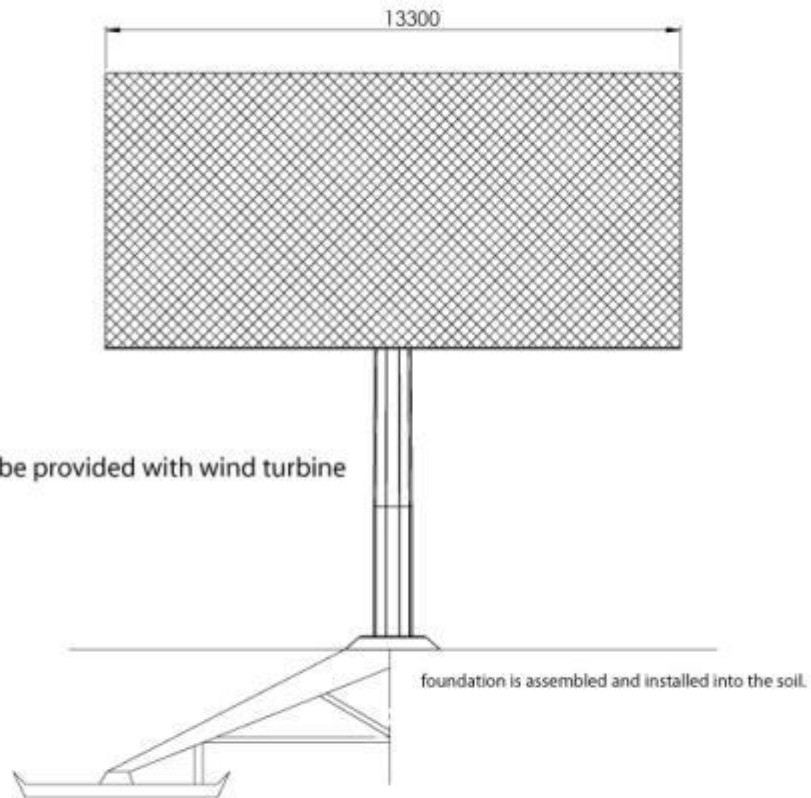
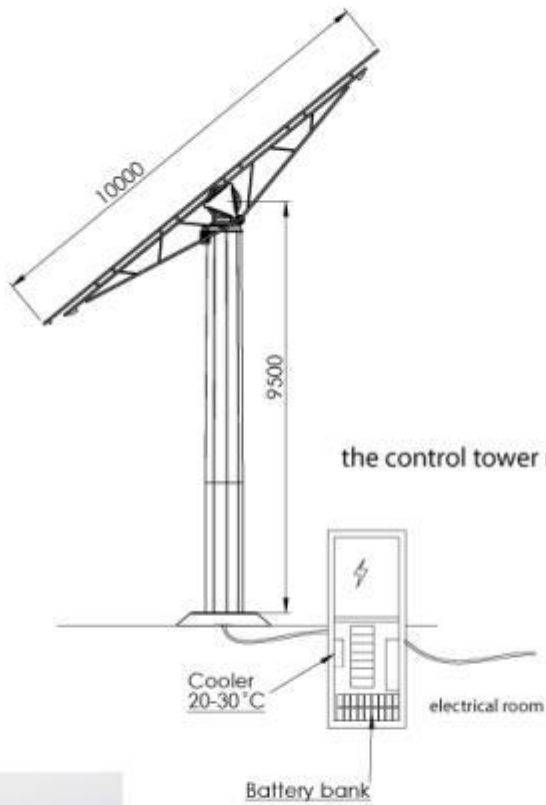
This way it is protected from vandalism and factors that may harm the system. This technique also allows an easy access for maintenance.

The easiness of installation.

The groundwork of the tower has an option for a 'concrete-free' method, where the foundation is assembled and installed into the soil.

The materials are hot-dip galvanized for a planned 25-year long period of usage





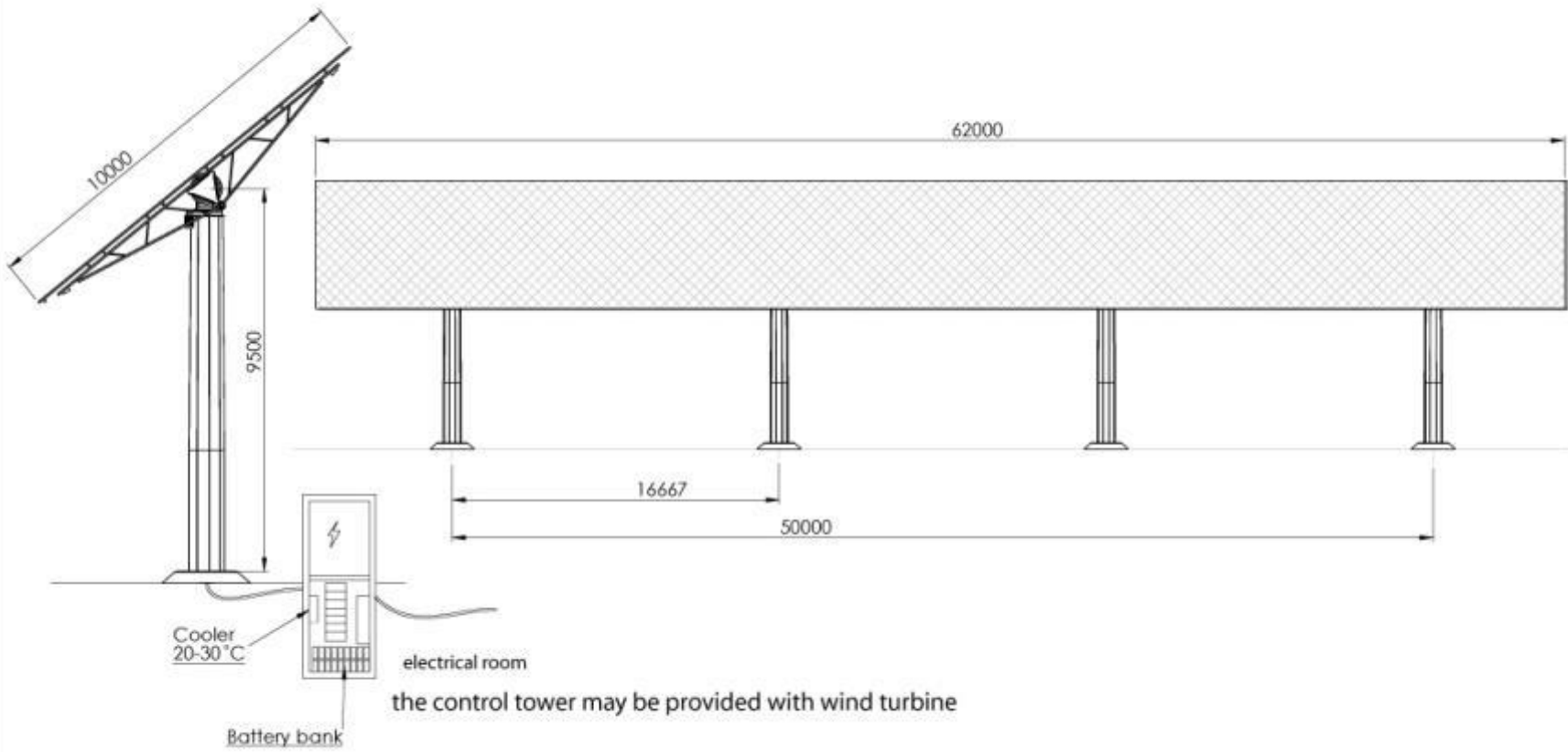
Hydraulic lifting system

the unit of measurement millimeters

Revisio	Toleransit	Mittakaava	Massa
		Materiaalit	
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		Tark	
		Hvv	
		Solar Tower 20 kW	
Medi	Muutos	PVM	Pit

**S** SIMOLIN WATER & ENERGY LTD

Revisio




Hydraulic lifting system

the unit of measurement millimeters

Revizija	Tolerancija	MHidraavica	Masa
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			Revizija



Solar energy farm -2GW  
Farm size 4 km x 5 km

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