



SunCraft

A Tumurly patented product**

Follows the sun throughout
the day for you

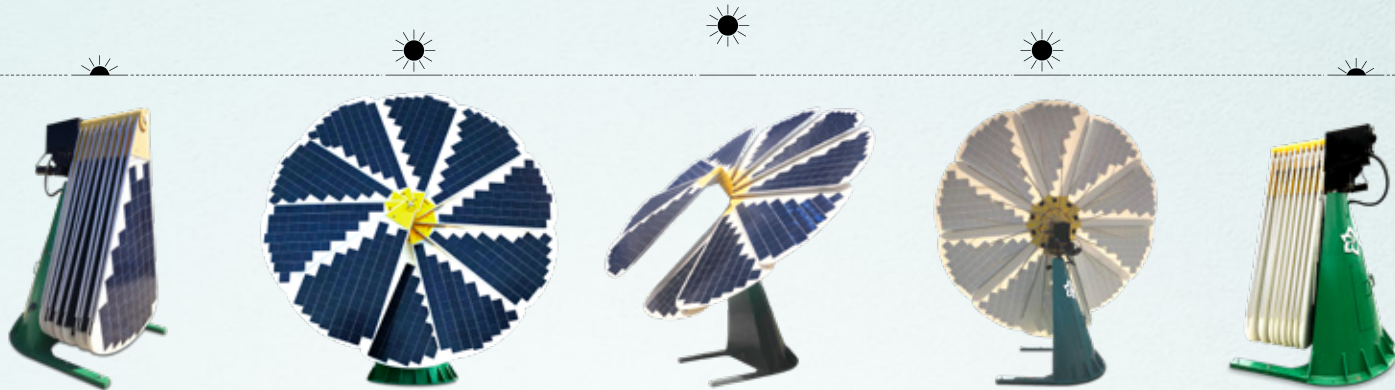


SunCraft **ONGRID**
SunCraft **OFFGRID**

In order to get detailed information
www.tumurly.com

SunCraft OFFGRID

With Energy Storage



Dual-Axis Sun Tracking, Simply More Efficient

- ✓ Using double-axis solar tracking systems, Suncraft captures all of the day's solar potential
- ✓ Efficient energy production: up to 40% more output due to innovative smart tracking.
- ✓ All-in-One solar solution without extensive installation (Plug & Play).
- ✓ Ideal if your roof is not an option (installation, aesthetics, rental property): SunCraft OFF can be set up in the garden and can taken along when you move.

A SYSTEM THAT FITS YOUR NEEDS

With its extraordinary design and patented technology, SunCraft starts automatically and efficiently produces energy as 'all-in-one solar system'.

SunCraft can be easily mounted and be operational in an hour. Thanks to its innovative features to produce maximum energy efficiently. With its advanced double-axis solar tracking systems, It follows the sun from sunrise to sunset continually and provides constant power output throughout the day. Up to 40% more energy will be produced compared to standard rooftop solar systems. Smart cleaning and smart cooling features prevent from heat and dust losses, as a result the system can produce 9% more energy depending on its geographical location. SunCraft provides 4400-8000 kWh energy per year depends on where it's mounted, and that electricity covers all the needs of an average household.

	SunCraft OFF	Rooftop System
PV Power	3 kW	5 kW
Annual Power Production	5600 kWh	5600 kWh
Losses by Contamination	0% by Smart Cleaning	3%
Losses by Heat	%2	5%
Deviation from facing south and roof slope	0% by Smart Tracking	3%
Potential Production after losses per year	5600 kWh	4984 kWh
Remote Monitoring	Tumurlu Server, Web/Mobil	
**Annual average data provided for Ankara province		

**SIMPLE
CONNECTION
CLEAN ELECTRICITY
PRODUCTION**

COMPARE WITH ROOF TOP SYSTEMS

Compared to the fixed rooftop system, SunCraft follows the sun and still produces energy even in the last sunlight of the day.



**SMART
USE**



**SMART
TRACKING**



**SMART
CLEANING**



**SMART
COOLING**



**SMART
SAFETY**



**SMART
MOBILITY**

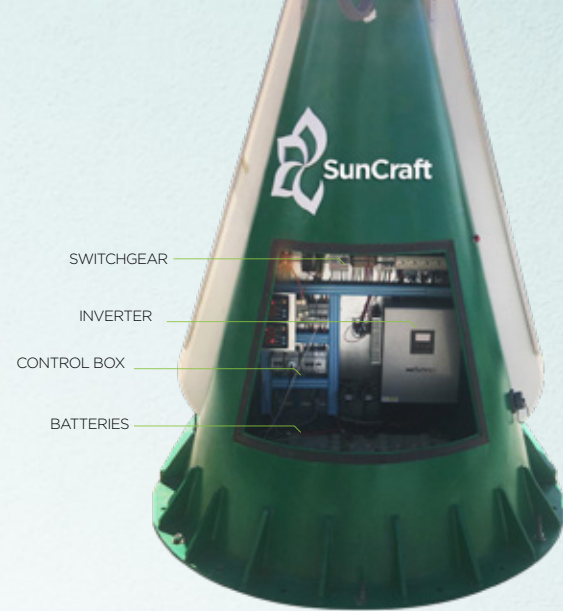


**SMART
OPTIONS**

SunCraft

Harvest the sun
Fill up with electricity

The unique all-in-one solar system



SunCraft shows Your Technology Level

SHOW WHAT YOU STAND FOR AND SWITCH TO E-MOBILITY.

To generate clean solar power and promote emission-free mobility at the same time – that is the idea behind SunCraft. It combines the unique all-in-one solar system with an optional high-performance charging station for electric vehicles. With high efficiency solar wings SunCraft generates an average of approx. 5,600 kWh/a* of power – up to 40% more than a roof-mounted system of a comparable size. The electricity is either used directly or fed into the public grid, where it supports the integrated charging station, which can be used to charge both e-bikes and electric cars with a power supply of up to 22 kW. Its unusual design makes SunCraft real eye-catcher, which acts as a green “business card” for forward-looking municipalities and companies. In public places, conventional filling stations, shopping centres or company premises SunCraft is an innovative service concept for residents, customers and employees and sends a highly visible and credible signal that sustainability is being put into practice here.



MUNICIPALITIES

Solar charging stations as a public service and strategic contribution to boosting e-mobility. SunCraft can also come as a charging station for e-cars, e-bikes etc.



SHOPPING CENTRES

Prominent eye-catcher and service for your customers: charge e-bikes and electric cars while they do their shopping. SunCraft may work as a charge station of disabled vehicles and chairs.



INFO POINT

Charging mobile phone and computers.



HOTELS AND RESTAURANTS

Attractive charging station for e-bikes or an electric shuttle bus real added value for your guests.



COMPANY

Show what you stand for! SunCraft is your Green Business Card.



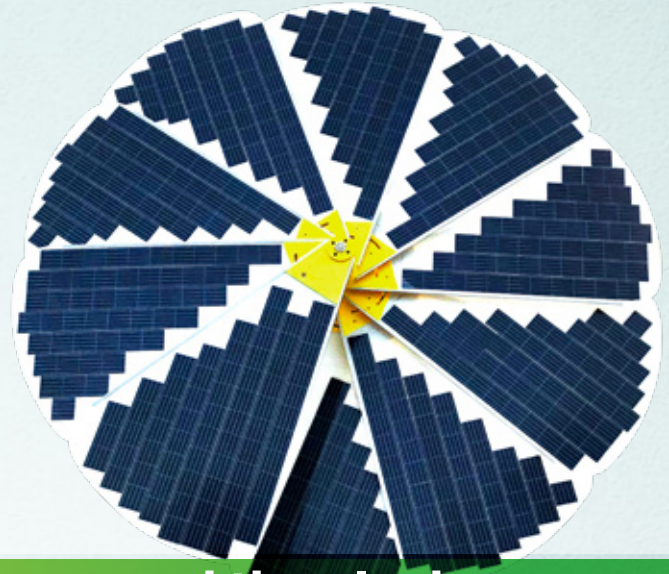
SUSTAINABLE AND EFFECTIVE USE OF SPACE

Its comparatively compact footprint means the SunCraft can be integrated easily into an existing parking space. Installation is by means of a concrete foundation or ground bolts, depending on conditions.

SunCraft

The unique all-in-one solar system with power storage

Never been so
independent
from grid



Enjoy the energy of the sun around the clock,
almost independently from the grid

Around the clock, almost independently of the grid

RECEIVE YOUR ENERGY DAY AND NIGHT BY INTEGRATED STORAGE SOLUTION

- ✓ Clean sun energy even after sunset
- ✓ Backup energy system for power outage

GENERATE POWER, STORE POWER: LIVE AS YOU PLEASE.

Now you are closer than ever to realizing that dream, because SunCraft can not only turn the sun's energy into electricity very efficiently; it can store it in sufficient quantities too. Completely integrated in an innovative all-in-one solar system that works on a plug-and-play principle like any normal household appliance. Either as an on-grid version SunCraft ONGRID or fully independently as an off-grid version SunCraft OFFGRID with a storage capacity of 4.8 kWh or 9,6kWh. And the intelligent tracking function of the PV modules ensures that the system makes the most efficient use of the sun's energy at all times of the day and year, while the battery is continuously recharged. So you can even enjoy cloudy days with a bright smile on your face.

Off Grid
SOLUTION
With
BATTERY

On Grid
SOLUTION
Where
**NO STORAGE
IS NEEDED**

SunCraft OFFGRID produces more energy than your all day needs. Storing extra power allows usage comfort during increased energy requirement such as bad weather conditions and night time etc.

Everything under control you can keep an eye on your current production, storage and consumption data at all times via advanced remote monitoring system.



 **Tumurly**
Technology Systems

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