



e·tree

CONNECTED TREES FOR LIVING TOGETHER

eTree is a fully
autonomous
solar powered
tree



www.e-tree.org

eTree is a fully autonomous solar powered tree

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eTree is a solar powered intelligent tree. eTree uses the sun to produce electricity and provide services to the community.

eTree is an amazing branding platform for Corporate Social Responsibility

e•Tree is used by brands and organizations that need to promote their image of corporate and social responsibility.

Installing an e•Tree in a public space is act by which a company places a very symbolic ac... and communicates strong values : environment friendliness, progress through technology, proximity and desire to give back to the public.

eTree brings together extended services to the public



- Phone charging
- Electric bike station
- Public lighting
- Heart rescue
- Tire inflation station

- Drinking station
- Water for animals
- Oxygen
- Ventilation
- Shadow

- Public Wifi
- Smart Screen
- Sensors
- Web cam
- IP Voice Phone

+ And more to come ...



• Technical specifications

Size	Total Height: 410cm (161in) • Width (solar panel span): 435 X 410cm (172 X 161in) • Solar Height (ground to lower panel): 240cm (95in) • Total footprint: 250 X 250cm (98 X 98in)
Weight	• eTree: 1,250Kg (2,755lb) • Total weight (incl. concrete base and solar panels): 2,500Kg (5,510lb)
Main components	• eTree • Animal water trough • 2 benches • Base unit
Main features	• Internet connected interactive LCD display • 6 USB charging stations • Wi-Fi Internet access • Water cooler • Animal water trough • Night illumination
Solar panels	• 7 BIPV panels • 46 mono-crystalline cell each • Type: Double tempered glass • Size: 2m ² (15ft ²) each • Weight: 80Kg (175lb) each
eTree structure	Galvanized metal tubes coated with multiple epoxy colors
Energy supply	• Total: 1.4KWP • Average: 6KW/h per day • Voltage: 12V DC
LCD display	• 7in touch screen • Camera
Water cooler	• Chilled filtered drinking water • Carbon filter
Wi-Fi router	• GSM Gen3 wireless modem router • Coverage radius: 30m (100ft)
Power storage	• 2 acid Lithium batteries (460A/h) • Power without sunlight: • Maximal load: 48h • Minimal load: 60h
Pet water trough	Diameter: 25cm (10in)
USB	• 6 ports, 2-3Amp each • Simultaneous charging
Electrical socket (optional)	1 (variable type)
Self-diagnostics (Optional)	• Remote (via reserve IP adress) with embedded portable PC • Monitors PV cells (power, current) • Power storage status
Night illumination	• 3 LED units (each 3X9W) • Timer controlled • Light intensity: 1,100L (color – upon request)
Certification & Safety	• Wind standard: I.S.414 European standard • Steel Standard: I.S.1225 European standard • Radiation-free • Electrocutation-safe
Noise rating	0dB
Climate	• Maximal wind velocity: 160Km/h (100mph) • Maximal snow load: 60cm (24in)

• Site requirements

Open-air area	• 500 X 500cm (197 X 197in)
Slope	Leveled
Surroundings	Site should be open to direct sun-light
Infrastructure	• Access to fresh running water • Access to drain system

• Ordering information

Product	ET-710
Options/upgrades	• P/N20150: Electrical socket • P/N20160: DC --> AC Inverter • P/N20220: Charging unit • P/N30100: Self-diagnostics
Water cooler	• P/N7003: Carbon filtering unit
Night illumination	• P/N1013: LED unit
Electrical socket	• P/N20170: US Electrical socket

Warranty terms

PV modules¹	25 years
Power storage²	5 years
Authors, clips & cables	20 years
RHS steel pipe construction (eTree structure)	10 years
Custom engineered concrete elements	10 years
Electrical unit cooling system²	1 year
Wood benches	3 years
Wi-Fi router²	3 years
Night illumination²	5 years

1 Warranty term for the BIPV modules is efficiency related and is subject to change
2 Warranty for the electrical components adhere to the manufacturer terms and are subject to change





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eTree has been installed in prestigious locations across the globe

FRANCE • USA • CARIBBEAN • ISRAËL



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CONNECTED TREES FOR LIVING TOGETHER

📍 Siège Social

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