Younicos
Let the fossils rest in peace.

Yill – the mobile energy storage unit for the office

A cordless little bundle of energy

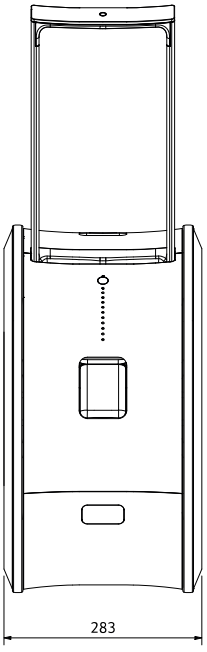
Yill is a small, mobile energy storage unit. She can power a modern workstation for two to three days without cords or cables. Yill stores energy in a rechargable lithium titanium battery, which is much better than conventional lithium ion technology for several reasons: it's extremely safe, recharges very quickly and has a long operating life.

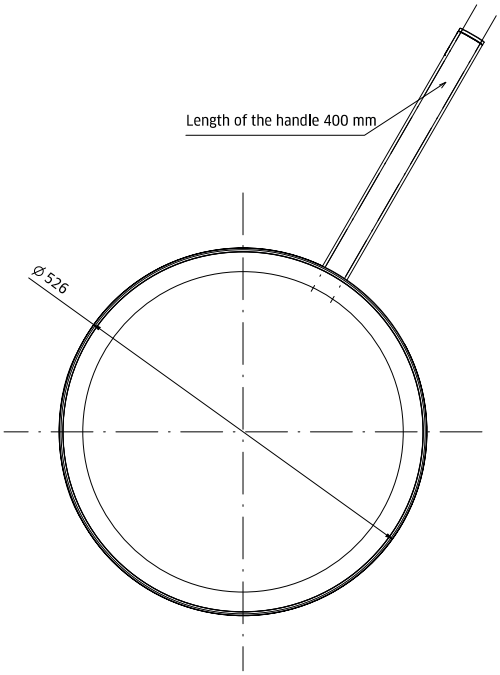
Yill can supply equipment with up to 300 watts of electricity. Recharging her is simple: just plug her into a charging station that draws power from renewable sources, or into any normal socket. Because Yill offsets peak loads by storing energy from the power grid, she helps integrate more renewable energies into your network.

Technical Data

- Nominal power: 300 watts (max 450 watts for 60 seconds)
- Nominal voltage 230 Volt
- Battery: Lithium-titanium
- Energy content: Approx. 700 Wh
- Maximum input voltage: 230 volts
- Maximum input current: 1.3 ampere

Abmessungen





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Y

Cordless

Many modern communication technologies already work without cords or wires. Fixed wiring is no longer necessary for networks, telephones or the internet. Because Yill stores one kilowatt hour of energy, she makes your workstation's power source mobile too.

Flexible

With Yill, elevated floors and socket banks are a thing of the past. And she makes the layout of your workplace extremely flexible. Teams can form quickly and easily where they are needed, even in older buildings or factory lofts.

Convenient

Yill makes floor socket banks a thing of the past. That means you can plan new buildings without the usual elevated floors. So Yill not only reduces construction costs; she also allows for the optimal use of innovative heating and cooling concepts: because there are no double floors or suspended ceilings, the core of the building can be activated to use the structure itself to heat and cool the building.

Storage in the grid

Until now, the share of energy obtained from wind and solar power plants has been restricted by the fact that these forms of energy are not continuously available. Storage units of different sizes in the grid can remedy this situation. With these storage units, the share of renewable energies in energy supply can be increased to up to 100 percent over the long term.

Younicos

We are working for a future of energy supply in which energy will be generated in a CO_2-free and renewable way. All our activities are based on deploying regenerative energy sources. Our core competence is the management of energy storage systems for a stable power supply with renewable energies.

Fotos: Steffen Jänicke, Berlin

reddot design award
best of the best 2011

Designed by Studio Aisslinger.
www.younicos.com