TectoPower

Complete steel solutions for future-proof EV infrastructure

25 years waranty

EN 1090-1 CERTIFIED A3 CERT

Preem, Ystad

Greenstop, Klevshult

Circle K, Varberg

TectoPower's **Charging Island 4660 - modular and ready to install**

We are the Nordic region's leading product developer and producer of steel-based EV-foundations for high-power charging. Our Swedish-made foundations, crafted from galvanized steel, are designed for longevity and can withstand the most challenging Nordic weather conditions.

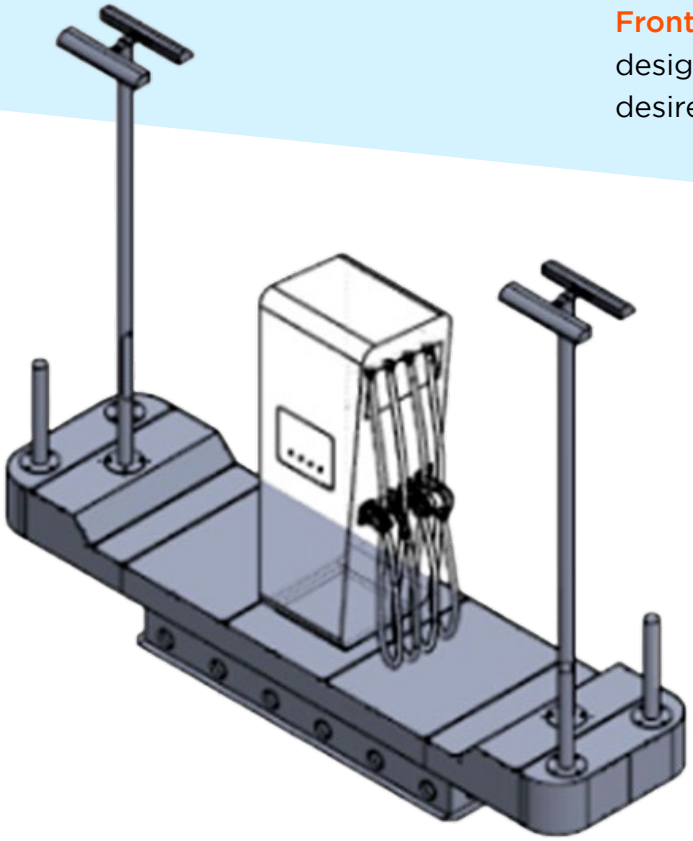
We offer a wide range of standard foundations with accessories such as impact protection and lighting poles. Additionally, we develop and produce customers-pecific products. TectoPower's Charging Island 4660 is a popular concept that can be tailored to meet customer needs. Its design allows for the installation of DC chargers from most brands. TectoPower's Charging Island is highly appreciated by installers for its design, which facilitates both service and maintenance. It is also stackable, leading to more efficient packing and lower transport costs.

ABOUT CHARGING ISLAND 4660

→ **TectoPower's Charging Island 4660** is available both with an elevated section above the ground and an accessible version where the middle section is leveled with the ground.

→ **The charging island can be configured** according to customer specific requests. It can include one or two chargers and the desired number of collision protection units.

→ **TectoPower's lighting solutions Frontline** are available in various designs and can be positioned as desired on the charging island.



CHARGING ISLAND 4660 ACCESSIBLE

1 pc. HYC400 C, cables along short side, 4 pcs. bollards and 2 pcs. lighting poles Frontline double fixture.

NAMES AND ARTICLE NUMBERS

Charging Island 4660 Accessible. – 1* HYC400 C, k.m.korts. 4B	Article no. 0110-2409-1006-60
Cabel base 2500*800	Article no. 0110-2400-1500-60
Lighting pole 3m G2	Article no. 0110-2412-2000-60
FL Wide Console Double G2	Article no. 0110-2410-2096-60
Luminaire FL Wide 3M 4000K 640mm 40W	Article no. 100-600-0642
Bollard H:700 Ø90	Article no. 0110-2420-2200-60

Circle K, Flädie

Circle K, Göteborg

Circle K, Järna

TectoPower's **Charging Island 7120 - modular and scalable solution for heavy vehicles**

TectoPower's Charging Island 7120 is designed to be part of the charging infrastructure that must also handle heavy duty traffic and larger vehicles. Similar to the Charging Island 4660, it is appreciated by many customers and installers.

Charging Island 7120 is accessible as standard. Our charging islands are delivered turnkey without the need for concrete. The modular design allows for adaptable placement of both chargers and lighting. For extra safety, we recommend our free-standing collision guards for the Charging Island 7120. All our foundations are designed to enable easy replacement of the charger when needed, without requiring any additional ground work.

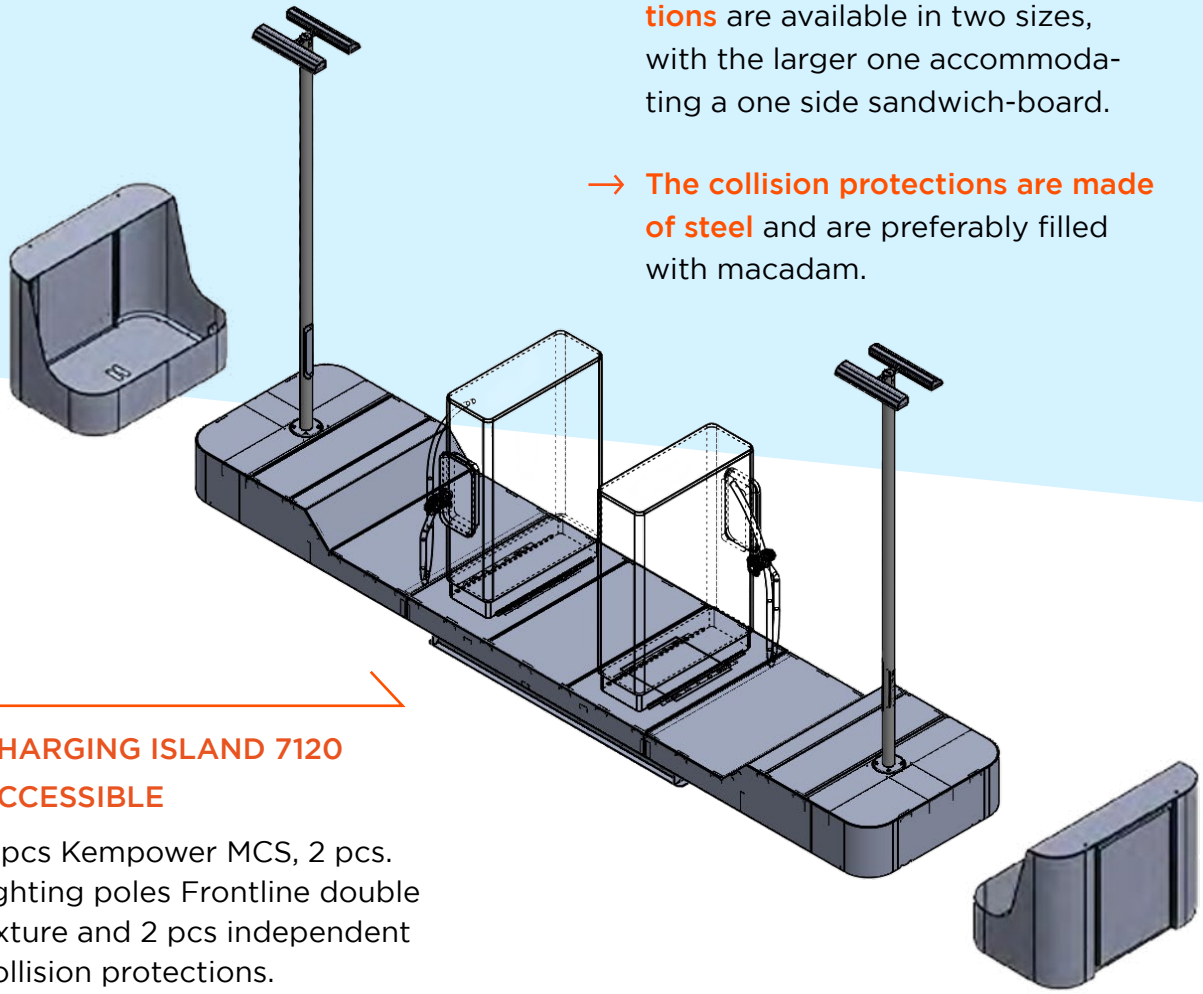
ABOUT CHARGING ISLAND 7120

→ **Chargers from most brands** can be installed and there is room for up to two chargers.

→ **TectoPower's lightning solutions Frontline** are available in various designs and can be positioned as desired on the loading island. We are also happy to develop custom lighting solutions to meet unique customer needs.

→ **Our stand-alone collision protections** are available in two sizes, with the larger one accommodating a one side sandwich-board.

→ **The collision protections are made of steel** and are preferably filled with macadam.



CHARGING ISLAND 7120 ACCESSIBLE

2 pcs Kempower MCS, 2 pcs. lighting poles Frontline double fixture and 2 pcs independent collision protections.

NAMES AND ARTICLE NUMBERS

Charging Island 7120 Accessible G1 – 1* HYC 400, k.m korts	Article no. 0110-2407-1602-60
Cable base 2500*800	Article no. 0110-2407-1602-60
Lighting pole 3m G2	Article no. 0110-2412-2000-60
FL Wide Console Double G2	Article no. 0110-2410-2096-60
Luminaire FL Wide 3M 4000K 640mm 40W	Article no. 100-600-0642
Collision protection 1,5m	Article no. 1060-3100-1003-60

OKQ8, Malmö

Erinion, Oskarshamn

Bring, Jönköping

TectoPower's **Universal Medium - One foundation, endless possibilities**

Thanks to TectoPower's variety of mounting plates can the Universal foundation adapted to most chargers on the market, everything from smaller satellites to MCS charger.

TectoPower's Universal foundation offers many different possibilities. In addition to the simplicity of installation, there are different possibilities to create a complete charging point. Adapter arm can be mounted on the foundation and enables the installation of bollards and lighting posts. If you choose th smaller crash protections instead, an adapter arm is included. We can of course customize the design and color as desired. In many cases, an extra elevation is desired and then there are smaller charging islands for different charging brands with space to mount a lighting pole.

ABOUT FOUNDATIONS AND ACCESSORIES

→ **On the Universal Medium foundation** the collision protection with 49 mm bollards can be mounted in a kit, or alternatively, with an adapter arm for 90 mm bollards. We also offer an adapter arm for a lighting pole that is attached to the foundation. In the event of a collision it is sufficient to replace the bollards.

→ **TectoPower's lighting solutions** are available in different variants, such as Frontline Wide double or single console, but customerspecific lighting fixtures can also be produced.

→ **All accessories** can be painted in any color.

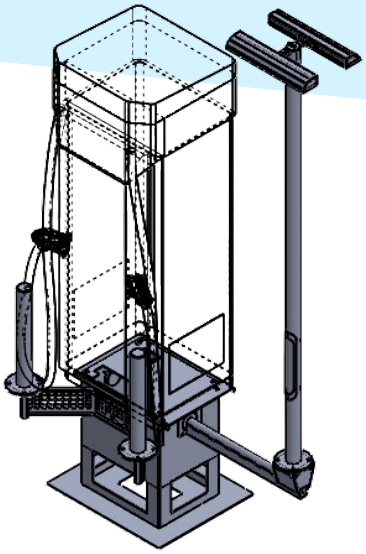
Picture 1

FOUNDATION UNIVERSAL MEDIUM

Small charging island lighting post with Frontline Wide double luminaire.

FOUNDATION UNIVERSAL MEDIUM

Siemens Sicharge mounting plate, adapter arm with 2 bollards, adapter arm for lighting post with 3 m post with Frontline double luminaire.



Picture 2

NAMES AND ARTICLE NUMBERS

Universal Medium (UM)	Article no. 1060-3002-1000-60
Lighting pole 3m G2	Article no. 0110-2412-2000-60
FL Wide Console Double	Article no. 0110-2410-2096-60
Luminaire FL Wide 3M 4000K 640mm 40W	Article no. 100-600-0642
Mounting plate Laddö Small UM KP (picture 1)	Article no. 1060-3002-0100-60
Mounting plate Siemens Sicharge (picture 2)	Article no. 1060-3002-0030-60
Adapter arm, D350 (picture 2)	Article no. 1060-3002-1800-60
Bollard H:700 Ø90 (picture 2)	Article no. 0110-2420-2200-60
Adapter for UM Lighting Post 90 (picture 2)	Article no. 1060-3002-1300-60

St1, Norge

Hedin Supercharge, Linköping

Circle K, Värnamo

TectoPower's **MCS-solutions- Steel foundations for the future of EV charging**

TectoPower MCS Foundation are designed for the next generation of high-power charging. With a focus on robustness, flexibility and simplicity installation enables the future-proof MCS installations without need for concrete.

TectoPower is continuously developing the steel foundations as new chargers and charger manufacturers are introduced to the market. The solutions are adapted for Megawatt Charging Systems and provide a stable, robust and flexible foundation for installations with very high power outputs. TectoPower's steel foundation reduces the need for extensive ground work and eliminates the need for concrete, which simplifies installation and shortens lead times. The foundations are designed for large cable dimensions, high loads and future expansion.

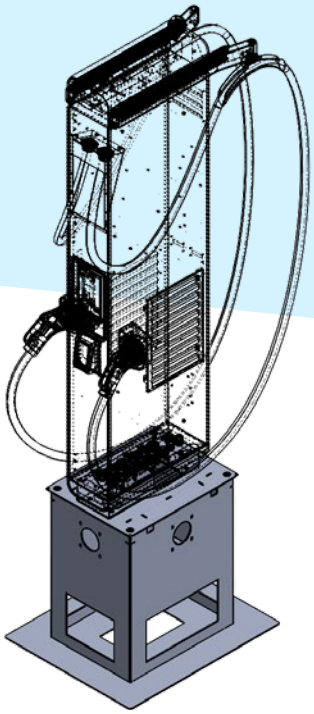
ABOUT MCS CHARGING FOUNDATIONS

→ **The foundations** are developed for high loads and large cable dimensions.

→ **Mounting plates are adapted** to different charger brands that offer MCS charging.

→ **The foundation is delivered without need for concrete,** which provides fast and efficient installation.

→ **Cable can be pulled in from multiple directions** and the generous space simplifies both installation and service.



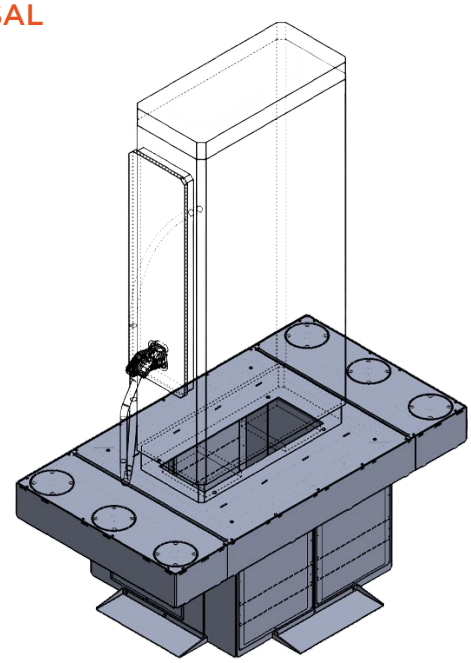
Picture 1

FOUNDATION UNIVERSAL MEDIUM

Mounting plate for Alpitronic HYC1000 MCS dispenser.

FOUNDATION UNIVERSAL LARGE

Charging island for EkoEnergetyka MCS.



Picture 2

NAMES AND ARTICLE NUMBERS

Universal Medium (UM) (picture 1)	Article no. 0110-2410-2096-60
Mounting plate HYC 1000 MCS Dispenser (picture 1)	Article no. 1060-3004-0040-60
Universal Large (UL) (Picture 2)	Article no. 1060-3020-1000-60
Mounting plate Laddö Large UM Eko MCS (picture 2)	Article no. 1060-3020-0301-60

Circle K, Örebro

Erinion, Oskarshamn

Bäckström, Norsborg

TectoPower's **Power Cabinet Foundations - for efficient installation and ongoing maintanance**

TectoPower's power cabinet foundations are designed for distributed systems. For example, Kempower's CPU cabinet and Alpitronics' HYC1000 Power Cabinet.

The foundations are developed to handle large power cabinets in DC and MCS charging where high power and large cable dimensions place high demands on both stability and flexibility.

The robust steel construction enables quick installation without the need for traditional concrete foundations while facilitating service and maintenance. Generous cable spaces and flexible cable entry from multiple directions create efficient installations and make it possible to future-proof the charging point for future power needs. The inspection space also facilitates both service, retightening and future cable work.

ABOUT TECTOPOWER'S FOUNDATIONS FOR POWER CABINET

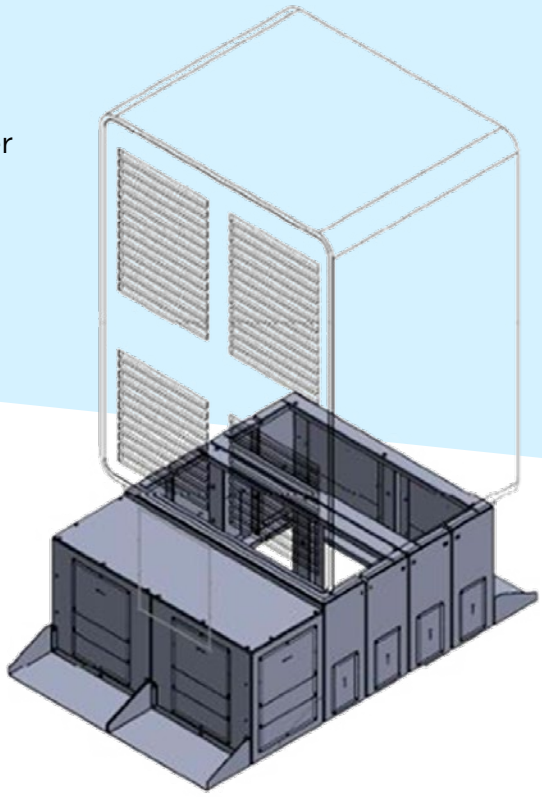
→ **TectoPower's CPU foundation** is a flexible solution that does not require any mixing of concrete, which makes installation quick and easy.

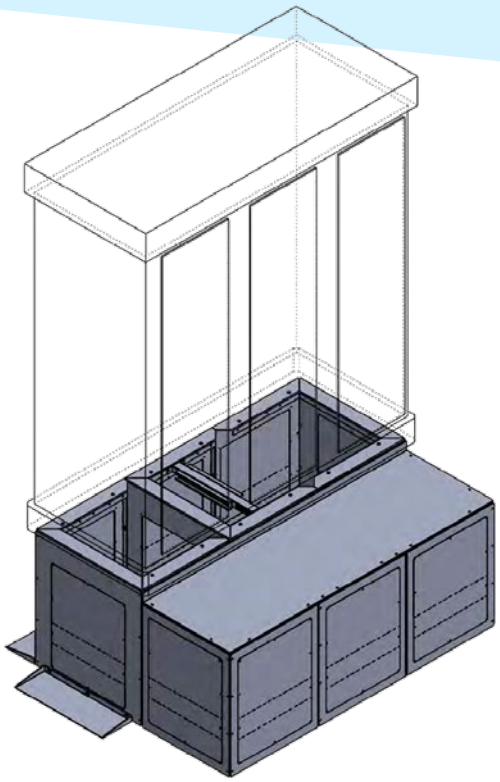
→ **The design of the double foundation** makes it easy to extend to a triple cabinet.

→ **The inspection space facilitates** service and maintenance.

HYC1000 POWER CABINET

Foundation for HYC1000 Power Cabinet with inspection hatch.



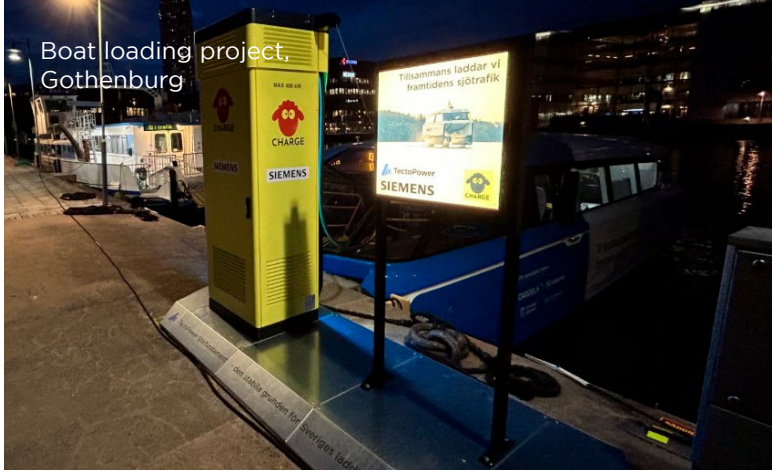


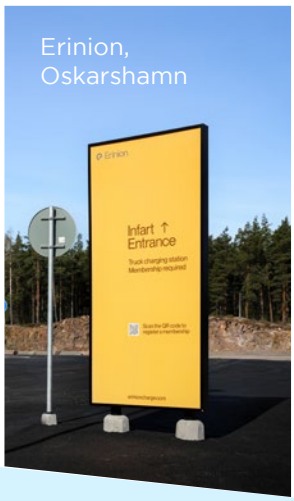
CPU X3

Foundation for Kempower's triple cabinet with inspection hatch.

NAMES AND ARTICLE NUMBERS

Foundation Kempower CPU Triple Cabinet	Article no. 1060-4403-1000-60
Inspection space KP CPUx3	Article no. 1060-4440-0200-60
Foundation Alpitronic HYC1000 Power Cabinet	Article no. 1060-4700-1000-60
Inspection hatch HYC1000	Article no. 1060-4700-1200-70





TectoPower's **Lighting solutions and signage for a visible and safe charging site**

TectoPower's lighting and signage solutions make charging sites more visible, safe and complete. With customised poles, lighting and illuminated signage, we create a functional overall solution that enhances both site safety and brand presence.

A well-planned charging site is about more than chargers and foundations. Lighting, signage and visibility are important parts of the complete solution, helping to create a safer, clearer and more professional environment for users. TectoPower offers solutions for lighting and illuminated signage, adapted to the site's requirements, the charging operator's profile and the other equipment installed at the charging site.

ABOUT TECTOPOWERS LIGHTING SOLUTIONS AND SIGNAGE

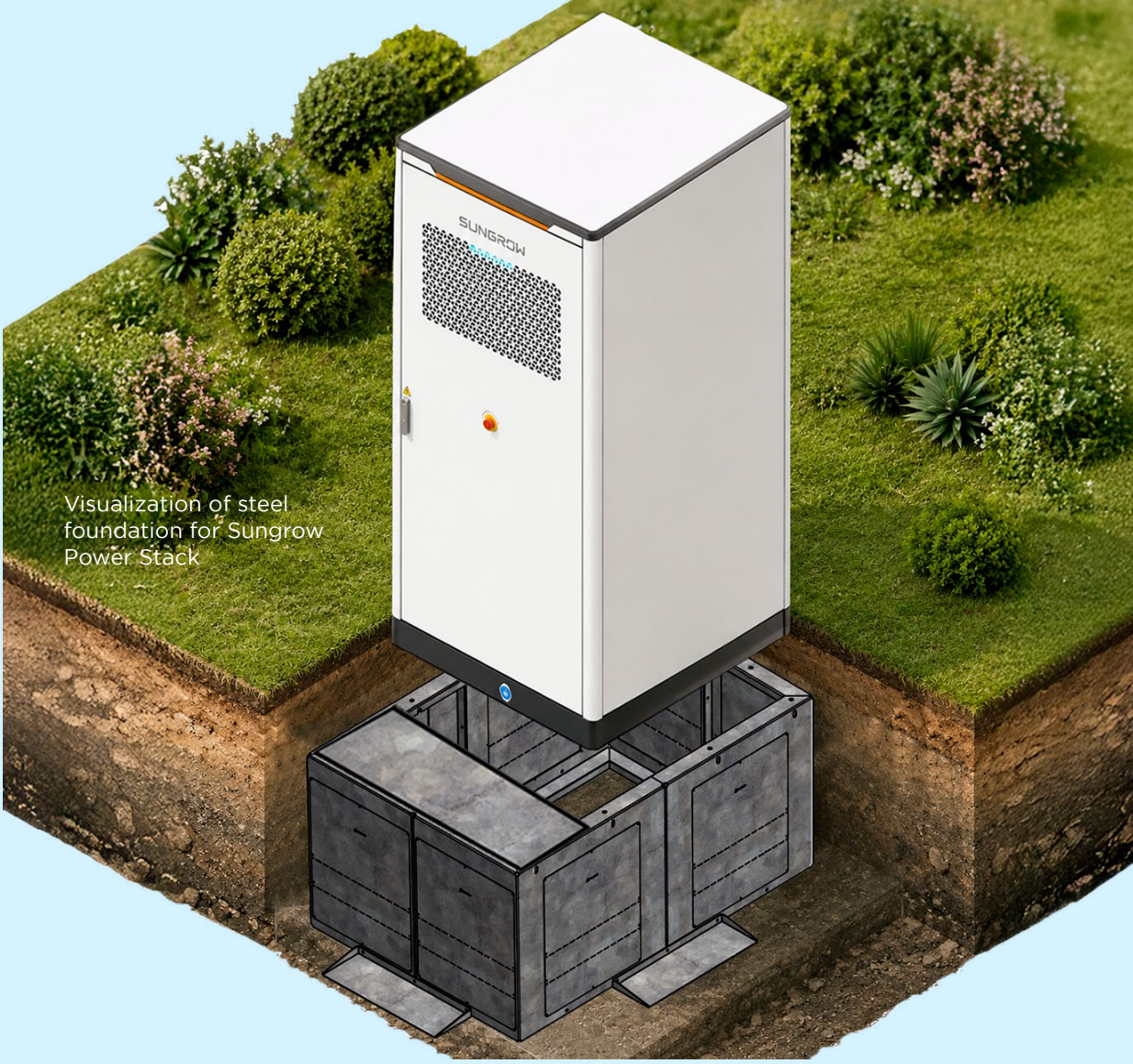
→ **TectoPower lighting solutions** Available in several versions. Front-line Wide double or single console are offered as standard, but customer-specific lighting fixtures can also be produced upon request.

→ **Illuminated signs and clear brand profile** can be integrated to make the charging site more visible, safe and easy to find.

→ **All poles, fixtures and signs** can be painted in any colour.

NAMES AND ARTICLE NUMBERS

Lighting pole 3m	Article no. 0110-2412-2000-60
Luminaire Frontline Wide 3M 4000K 640mm 40W	Article no. 100-600-0642
Double console FL Wide	Article no. 0110-2410-2096-60
Single console FL Wide	Article no. 0110-2410-2086-60
Lighting cube Jupiter	Article no. 1060-4430-1030-60
Single-sided illuminated sign 500*2000*150mm	Article no. 0110-6000-2200-60
Single-sided illuminated sign 1450*1000*150mm	Article no. 0110-6000-2100-60



Visualization of steel foundation for Sungrow Power Stack

TectoPower's **Steel foundations for future energy storage**

TectoPower's foundation for BESS (Battery Energy Storage System) is designed for both cabinet and container-based energy storage systems. With solutions both above ground and buried, we enable flexible installations adapted to site, power requirements and future expansion.

The foundations are developed to handle everything from smaller battery cabinets to larger container-based energy storage systems. The modular design enables quick installation and easy adaptation to different brands and site conditions. TectoPower's BESS foundations are available as both above-ground solutions and buried options, making it possible to optimize the installation based on ground conditions, cable routing and customer requirements. The generous cable spaces and flexible design simplify both installation, service and future upgrades of the energy storage system.

ABOUT FOUNDATIONS FOR BESS

→ **The foundations** exist for both BESS cabinets and BESS containers.

→ **The solutions are offered** both as aboveground foundations and underground dug foundations.

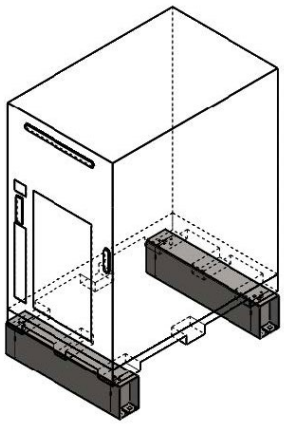
→ **Modular design** allows for easy transportation, installation and future expansion.

→ **Flexible cable entry and generous cable spaces** facilitate installation and service.

→ **The foundations** provides low weight in relation to strength and reduces the need for traditional concrete foundations.

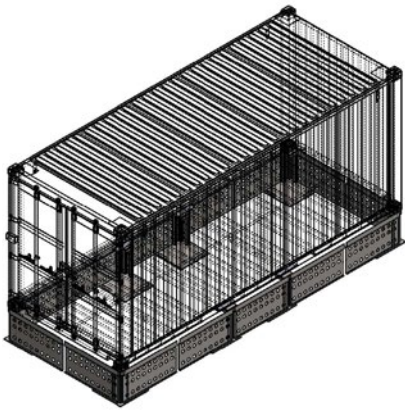
TECTOPOWERS BESS-SOLUTIONS (EXAMPLE PICTURES)

CABINET:



BESS Cabinet Surface Foundation

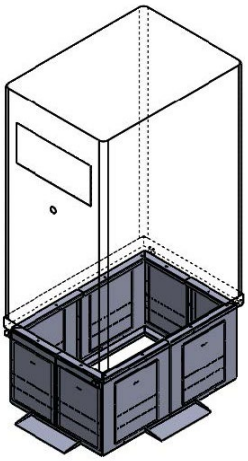
CONTAINER:



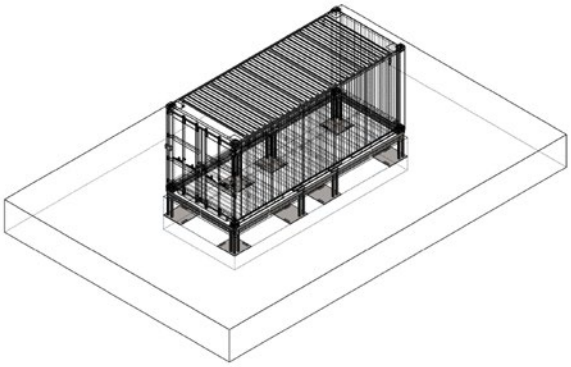
BESS Container Surface Foundation

ABOVE GROUND:

BELOW GROUND LEVEL:



BESS Cabinet Ground Foundation



BESS Container Ground Foundation

Swedish sheet metal and steel construction meets future-smart innovation

TectoPower is a Swedish production, design and innovation company with its heart and roots in the industrial port of Malmö. With a solid foundation in both industrial continuous production and cutting-edge craftsmanship, we offer standard products and customized solutions in four areas - foundations for EV - charging, sheet metal processing, lighting solutions and groundbased mounting systems for solar panels. *Feel free to contact us!*

TectoPower
System - PATENT PENDING

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