

## FROM 2 UP TO 7.32 MVA

### MEDIUM VOLTAGE POWER STATION CUSTOMIZED UP TO 7.32 MVA, WITH ALL THE COMPONENTS SUPPLIED ON TOP OF THE SAME SKID PLATFORM

This medium-voltage solution integrates all the devices required for a multi-megawatt battery energy storage system.

#### Maximize your investment

with a minimal effort Ingeteam's FSK power station is a compact, customizable and flexible solution that can be configured to suit each customer's requirements. It is supplied together with up to two storage inverters. All the equipment is suitable for outdoor installation, so there is no need of any kind of housing.

#### Higher adaptability and power density

This power station is now more versatile, as it presents the step-up transformer integrated into a steel platform together with the LV and MV components, including the storage inverters. Moreover, it features one of the market's greatest power densities.

#### Plug & Play technology

This MV solution integrates power conversion equipment (up to 7.32 MVA), liquid-filled hermetically sealed transformer and provision for low voltage equipment. The MV Skid is delivered pre-assembled for a fast onsite connection with up to two storage inverters from Ingeteam's INGECON® SUN STORAGE 3Power C Series inverter family. The full skid is lifted as a single block and it is transported within an open top 40 ft container.

#### Complete accessibility

Thanks to the lack of housing, the inverters, the switchgear and the transformer can have immediate access. Furthermore, the design of the 3Power C Series storage inverters has been conceived to facilitate maintenance and repair works.

#### Maximum protection

Ingeteam's 3Power C Series storage inverters feature an IP65 protection class for their power stacks thanks to a combined water and air cooling system that optimises the operating temperature of the power electronics.

Apart from that, they feature the main electrical protections and they deploy grid support functionalities, such as low voltage ride-through capability, reactive power deliverance and active power injection control.

## FROM 2 UP TO 7.32 MVA

### Medium voltage power station customized up to 7.32 MVA, with all the components supplied on top of the same skid platform

#### Construction

- Steel base frame.
- Suitable for slab or piers mounting.
- Compact design, minimising freight costs.
- Minimum installation at project site.

#### Optional accessories

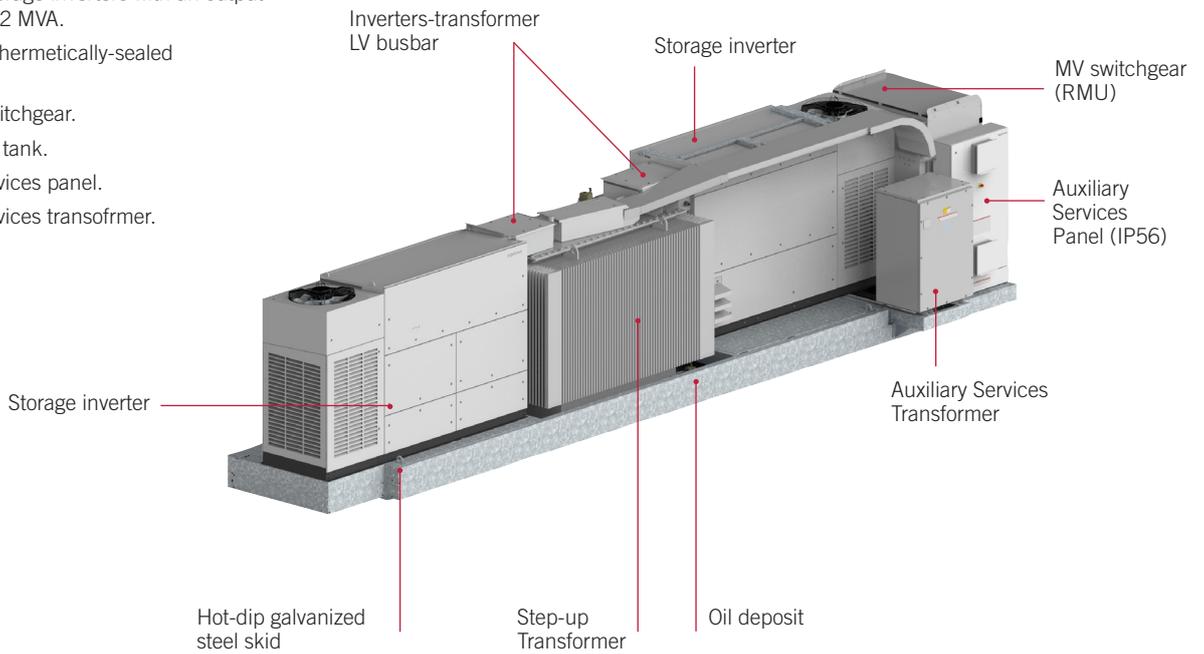
- Auxiliary services transformer (up to 60 kVA, Dyn11).
- Self-powered auxiliary services panel.
- MV Surge arresters.
- High-speed Ethernet / fibre optic communication switch.

- Energy meter for energy production.

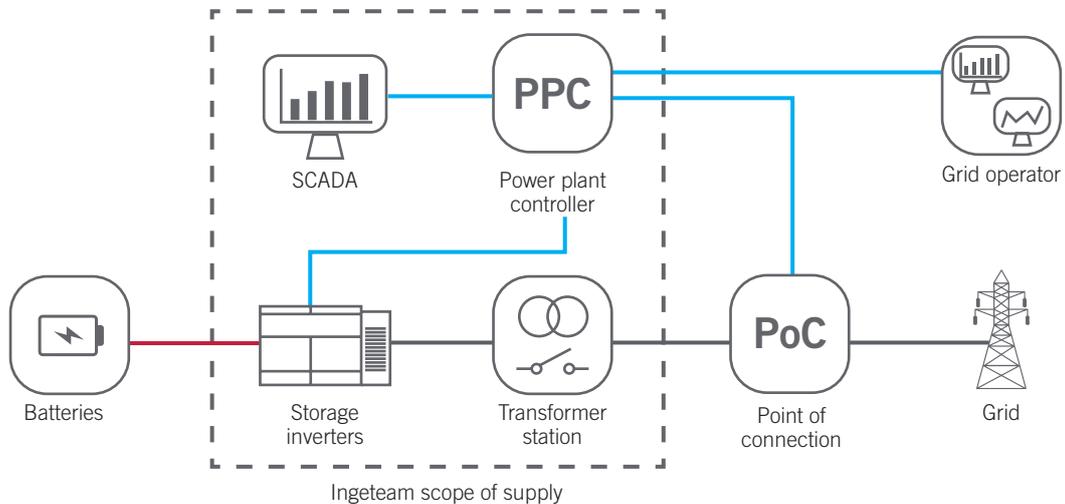
#### Standard equipment

- Up to two storage inverters with an output power of 7.32 MVA.
- Liquid-filled hermetically-sealed transformer.
- 2L1C MV switchgear.
- Oil-retention tank.
- Auxiliary services panel.
- Auxiliary services transformer.

#### Components



#### Plant configuration





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