



250 kWh energy storage inverter

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From microgrid to industrial power, the FLEX-ESS system gives you the power you need when you need it. With the ability to deliver 100% capacity to the AC load and still store excess solar, direct line control and optimise any fuel derived generation, keeping OPEX to a minimum and maximising revenue.

With ultra-fast response bi directional 4 quadrant operation, the FLEX-ESS system offers ACTIVE and REACTIVE power services to both industrial and commercial operators. With only the highest quality components and water cooling, the system delivers outstanding up time, minimal OPEX and > 20 years service life, ensuring long term reliable access to those current and future revenue streams.

Modular and expandable, the FLEX-ESS offers installers a plug-and-play, factory-built-and-tested, easily-installed solution. The thermally insulated and ultra durable housing ensures ideal climatic conditions for the EES. Parasitic loads are minimised by water cooling the power conversion technologies and, DC split air HVAC for the KORE Mark 1 batteries results in class leading efficiencies.

The FLEX-ESS system can be paralleled to multiple MW level in a highly variable range of storage and power configurations. Each GRP housing contains 250kVA of 3 phase AC Power with blocks of 104kWh of storage to a maximum of 832kWh (double stacked). Additional 250kVA energy expansion modules are available with each box housing upto 1MWh of additional capacity, configurable as required.

Capable of integration with existing plant infrastructure using Industrial Ethernet communication protocols (for example Modbus TCP/IP, SCADA) for remote control and monitoring of the system from a centralised control room.



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