

MSc ships DC/DC converters for hybrid cranes to Kenya

MSc delivers bidirectional DC/DC converters for hybrid drive Rubber Tyred Gantry Cranes to Kenya. The converters enable the storage and discharge of energy generated by RTG cranes to allow significant savings in fuel consumption.

Hybrid drive RTG cranes are used to transfer containers in harbour areas. These diesel motor-equipped cranes have an energy storage system that transfers the energy released from lowering containers into storage for reuse later.

– MSc’s bidirectional DC/DC converters enable energy to be transferred to storage and then discharged later. This means that when containers are raised, the storage can feed the required power spike to the crane, which significantly reduces consumption. When containers are lowered, the energy is again redirected into storage, says **Henri Wiren**, Sales Support Engineer at MSc.

