

Solar Direct Drive and Weak Grid Power Management System

Flensburg – Germany, June 17, 2024

Secop is pleased to announce the release to market of the new Solar Direct Drive (SDD) and Weak Grid Power Management System for applications with solar panels or unstable and weak AC grids.

The new generation of the SDD Power Management Module has been specifically optimized for use with new solar direct drive systems. Designed to be connected to both photovoltaic panels of AC grids with unstable fluctuations, it also features a wide AC input range between 85V and 264V as well as a DC input that is optimized for widely diffused PV panels up to 72 cells. An additional 24V DC output is suitable for data loggers, monitoring devices, USB chargers, and external auxiliaries. A communication interface for master controllers and data loggers allows users to take full control over the application. This module can be easily monitored with the Secop Tool4Cool® app.

The new SDD Power Management Module has been designed in combination with the new BD Nano MB3CKV compressor and offers premium cooling performance with excellent efficiency. It is the perfect choice for off-grid and weak-grid vaccine refrigerators, solar off-grid coolers and freezers, and ice bank refrigerators.

Vaccine refrigerator manufacturers also satisfy the latest E007/VS0 1.6 voltage stabilization requirements since the module has been tailored to WHO PQS specifications.

Further information and video:

www.secop.com/products/highlights/solar-direct-drive-system-r600a

About Secop

Secop is the expert for advanced hermetic compressor technologies and cooling solutions in light commercial, battery driven and medical cold chain applications.

We develop high performance stationary and mobile cooling solutions for leading international commercial refrigeration manufacturers and are the first choice when it comes to leading hermetic compressors and electronic controls for refrigeration solutions used for light commercial, DC-powered and Medical applications. The group has 1,080 employees worldwide with production sites in Slovakia and China as well as research centers in Germany, Austria, Slovakia, China, and the USA including a dedicated motor competence center (MCC) in Germany to support the development of electronics and motor controls.

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