



ICT Introduces 24VDC Isolated DC Converter For 130VDC Utility Applications

ICT has added a new Isolated Series 2 DC–DC converter model for utility applications that features an input voltage range of 90 to 160VDC. With a 10 amp peak output rating at 24VDC output, excellent efficiency of 90%, low harmonic distortion, strong isolation and regulation characteristics and ICT’s legendary reliability, this rugged Isolated Series 2 model is now available to utility users who need to convert their 130VDC to 24VDC output for radios, sensors, monitoring equipment or other applications. With no fan or moving parts, the convection cooled design with double–sided circuit board and conformal coating mean years of life in demanding environments including electric utility substations, manufacturing, industrial plants, and marine applications.

To find out more, download the product data sheet, or see other Isolated Series 2 models, visit: www.ict-power.com > Products > DC–DC Power Converters > Isolated > Isolated Series 2

Performance

The ICT9016024–10AI2 features a wide input voltage range and extra filtering to withstand voltage transients and spikes. With a high isolation voltage rating and low harmonic distortion, your load will receive clean, reliable power. All ICT converters are designed to provide years of trouble–free operation.

Up to three Isolated Series 2 converters can be mounted in a standard 19 inch equipment rack using the ICT–RMK2 rack mount accessory kit.

Low Cost of Ownership

Like all ICT Isolated Series 2 models, the ICT9016024–10AI2 comes with a 3 year warranty. Minimum internal wiring and conformal coating of the electronics protects these converters from life–shortening vibration, moisture and contaminants that could harm the electronics. For all its features and high reliability, the Isolated Series 2 is surprisingly affordable.

Reliability

Reliability is achieved through careful design that virtually eliminates common failure points such as internal wiring connections. The convection cooled design means there is no fan to fail, and dust, moisture and contaminants are not pulled into the housing. Every unit is extensively tested before it leaves the factory.

Energy Saving Design

The high–efficiency design means less energy is lost in the conversion process. A contact terminal is provided that allows the converter to be turned off and on remotely, saving energy and avoiding standby drain on the battery.



Ordering Information

Description	Model Number
Isolated Series 2 DC to DC converter, 90–160VDC input range, 27.6VDC output at 10 amps peak (8 amps continuous), 90% efficiency, convection cooled, –20C to +40C operating temperature range, rugged terminal block connectors, remote on/off contact, built–in safety features.	ICT9016024–10AI2
19” rack mount kit. Includes converter mounting fasteners. Holds 1, 2 or 3 Isolated Series 2 DC–DC Converters.	ICT–RMK2