

Press Release

New DC/DC converter for photovoltaic applications

(06/16) With the new DC/DC converter from Phoenix Contact's Uno Power product range, the control cabinet is supplied directly from the photovoltaic system. This saves installation costs and increases the efficiency of the system.

The DC/DC converter enables direct connection to string voltages. As such, the string combiner box is supplied from the photovoltaic system and there are no additional installation costs. With its wide-range input, the device converts input voltages between 300 V and 1000 V into an electrically isolated 24 V output voltage.

Thanks to its robust design, it works reliably at temperatures between -25°C and +70°C. Thanks to the compact housing and high efficiency of more than 90 percent, it can also be used in small control boxes. The LED function monitoring simplifies startup and the UL-1741 certification facilitates the approval of the overall system.

4866