COMROD

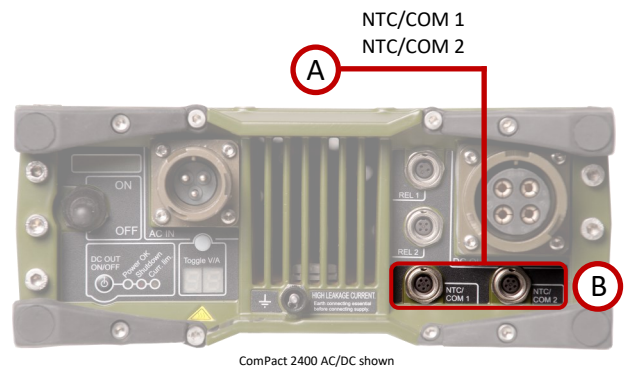## Description

All ComPact series products include an RS-485 communication bus and can be software defined using the ComPact Configuration Utility (CCU) Software. The CCU is designed for use by technical people to set up and debug a ComPact, before deployment into a tactical situation. The Communication Kit contains all the items required to connect a ComPact series product to a suitable Windows computer. The ComPact Configuration Utility Software allows status monitoring, alarm configuration, enable/disable features and firmware upgrades. A wide range of configurable parameters enable software customization such as output voltage, current limit, alarm limits, and battery technology. The ComPact configuration utility is a free of charge Windows application available for download from the ComPact support page on the Comrod website.

NTC/COM 1
NTC/COM 2

ComPact 2400 AC/DC shown

Kit Contents

The Communication Kit contains all the hardware items required to connect a ComPact series power supply to a Windows computer.

Communication Kit (Part Number P600360.006)
Moxa UPort 1150I RS-485 Adapter + Accessories
Compact to PC Communication Cable
USB cable, USB-B male (UPort) to USB-A male

ComPact Configuration Utility

The ComPact Configuration Utility software is used for configuring, monitoring and upgrading the firmware on a ComPact series product. All functionality of the ComPact can be software configured including:

- AC input minimum voltage
- AC input current limit
- DC output voltage
- DC output current/power limit
- Charging algorithms - 2/3/4 stage charging, temperature compensated charging
- Parallel operation
- Alarm outputs
- Over temperature protection
- DC cable voltage drop compensation
- Front panel user interface
- Error handling
- Password protection (protects the ComPact from being reconfigured or firmware upgraded)

A configuration can be saved to file, and easily copied between ComPact series power supplies. The ComPact Configuration Utility can show, edit and create configurations without being connected to a Compact.

ComPact Configuration Utility (CCU)

Feature	Description
Settings	ComPact series power supplies allow for complete software customisation. Please refer to the ComPact Family Technical Reference for details. The CCU is intuitive and will flag if selected settings are incompatible. The allowable range of values will be shown in the built-in help. The CCU has built in help for all options
Temperature compensation	Temperature compensation settings are display both numerically and graphically.
Status	Shows detailed status of a ComPact
Commands	Commands that can be sent to the ComPact

Settings

When a value is being edited, the built in help will show a brief explanation, and show the valid range for a value.

Temperature Compensation

The temperature compensation characteristic is shown graphically in the bottom right corner.

Status

Commands