

Conext ComBox communication device

New remote monitoring from Schneider Electric

Operators of Conext™ solar systems can now remotely monitor yield performance using devices of their choice, such as personal computers, tablet devices, or building management systems. Data logs and event logs for each device, as well as graphical displays of historical and real-time solar system harvest, and plant yield are easily reviewed using a web browser or Android tablet devices. Installers can change the settings of Conext devices during commissioning and react 24/7 to system alerts remotely. A Modbus interface links Conext devices with sophisticated third party software packages and building management systems. Integrated Micro-SD card provides for additional data storage. Conext ComBox is compatible with Xanbus protocol devices.

Why choose Conext ComBox?



True bankability

- Warranty from a trusted partner with over 175 years of experience
- World leader in industrial power drives, UPS and electrical distribution
- Strong service infrastructure worldwide to support your global needs



Higher return on investment

- Monitor solar system harvest and yield



Flexible

- Configure up to twenty Xanbus protocol devices
- Works with Conext XW, SW, TX, GT-AUS, MPPT 60-150, MPPT 80-600, AGS, SCP
- Access Conext devices over Modbus protocol



Easy to service

- Remotely monitor, immediately access and troubleshoot systems 24/7
- Remotely upgrade ComBox and Conext device firmware
- Settings are maintained during power or network interruptions



Easy to install

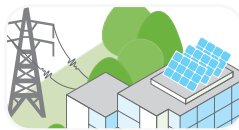
- Configure devices using web page interface or Android tablet
- Surface or DIN-Rail mounting
- Multiple power supply options



Product applications



Residential, backup power and grid-tie



Small commercial, backup power and grid-tie



Off-grid solar



Community electrification

Device short name	Conext ComBox
Electrical specifications	
Communication interfaces	
Inverter (Xanbus)	Connector: 2 x RJ45 Products Supported: Conext XW / SW / TX, GT-AUS, MPPT 60-150, MPPT 80-600, AGS, SCP
Ethernet	Connector: 1 x RJ45, 10/100 MBPS Server: FTP, Web, Modbus TCP/IP Client: SMTP, SNMP, Auto discovery: DPWS
RS485	Modbus (1 x Connector: Screw 5-terminal, 16-24AWG, 2-wire serial, 19200 bps)
Data Interfaces	
USB-Host	Connector: USB-A, Protocols: MSD
USB-Device	Connector: USB-mini B, Protocols: CDC, MSD
Power supply options	
DC input	Certified/Listed/CE, using a 6.5mm power plug, 9-24 Vdc
Power consumption	4 W typical / 10 W maximum
Xanbus	When connected to Conext XW / SW or XW-MPPT 80 600
Modbus	24 Vdc (safety extra low-voltage only)
Memory	
Internal	96 MB flash
External	Micro-SD Card (Connector: USD push-push, up to 2GB, Class 2 or better recommended)
General specifications	
Weight	0.25 kg (0.55 lb)
Dimensions (H x W x D)	11.4 x 16.9 x 5.4 cm (4.5 x 6.7 x 2.1 in)
Housing/mounting system	ABS Plastic / DIN-rail: 35mm, Wall-mount: 2-screw
IP rating/mounting Location	IP 20, NEMA 1, Indoor only
Status display	5 x LEDs
Temperature	Operating: -4 to 122 °F (-20 to 50 °C) Storage: -40 to 185 °F (-40 to 85 °C)
Humidity	Operating: < 95%, non-condensing / Storage: < 95%
Part number	865-1058
Features	
Programmable dry contact relay	Screw 3-terminal, 16-24 AWG, NC-Com-NO, Form: Class 2, 24 Vdc 5 A
Graphical user interface	Integrated Web Server (Internet Browser), Android tablet Applications
Remote firmware upgrades	Yes
Datalogger	Yes
Warranty	5 years
Max. number of Xanbus devices	20*
Regulatory approvals	
Marking	CE, RCM
EMC immunity	EN61000-6-1 residential / commercial
EMC emission	EN61000-6-3, FCC Part 15 Class B, Ind. Canada ICES-003 Class B
Substances/environmental	RoHS, REACH

Specifications are subject to change without notice. *Actual numbers depends on device type.

Conext ComBox communication device works with the following Schneider Electric products



Conext XW inverter/charger (230 V/50 Hz)
 XW 4024 Product no. 865-1045-61
 XW 6048 Product no. 865-1035-61
(120/240 V/60 Hz)
 XW 4024 Product no. 865-1010
 XW 6048 Product no. 865-1000-01



Conext SW inverter/charger
 SW 2524 120 Product no. 865-2024
 SW 4024 120 Product no. 865-3524
 SW 2524 230 Product no. 865-2524-61
 SW 4024 230 Product no. 865-3524-61



Conext TX grid tie solar inverter (N. America)
 TX 2800 Product no. 878-2801
 TX 3300 Product no. 878-3301
 TX 3800 Product no. 878-3801
 TX 5000 Product no. 878-5001



MPPT 60 150 solar charge controller
 Product no. 865-1030-1



MPPT 80 600 solar charge controller
 Product no. 865-1032



System Control Panel (SCP)
 Product no. 865-1050



Automatic Generator Start (AGS)
 Product no. 865-1060