

Conext Battery Fuse Combiner Box

Combine, connect and disconnect Conext inverter/chargers with battery bank

The Conext™ Battery Fuse Combiner Box 250 combines up to three Conext XW+ inverter/chargers with one battery bank using a single battery pole disconnect method and provides fuse protection for cables, batteries and inverter/chargers. Two Battery Fuse Combiner Box 250s can be configured side-by-side to accommodate dual battery pole disconnection requirements. A smaller, more compact Battery Fuse Combiner Box 160 is available for battery side application with Conext MPPT Solar Charge Controllers

Why choose Conext Battery Fuse Combiner Box?



True bankability

- Warranty from a trusted partner with 178 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

- One low cost device to combine up to three Conext inverter chargers with one battery bank
- Standardized repeatable and cost effective installation method



Flexible

- Single or dual pole battery disconnection for Conext XW and SW inverter chargers
- Single or dual pole battery disconnection for Conext MPPT Solar Charge Controllers



Easy to service

- Clear plastic window allows visual no-touch inspection of fuses
- Access holes for volt meter probes allows for testing without interrupting system
- Lockout accepts lead seal to guard against unauthorized access



Easy to install

- Wall-mount or flush-mount
- Lug nut cable connections



Product applications



Backup power



Residential grid-tie solar with backup power



off-grid solar



Community electrification



Self-consumption

Device short name	Battery Fuse Combiner Box 160	Battery Fuse Combiner Box 250
Electrical specifications		
Nominal voltage	24 / 48 V DC	24 / 48 V DC
Nominal current	160 A	250 A
Fuse specifications		
Type	DIN	DIN
Size	NH00, NH000	NH1
Number	3	3
Cable connections		
Quantity per pole	3	3
Maximum Cable Size	95 mm ² (4/0)	150 mm ² (2/0)
Terminal Type	M8	M10
General specifications		
Part number	865-1030-01	865-1031-01
Product dimensions (H x W x D)	16.3 x 10.7 x 8.0 cm (6.4 x 4.2 x 3.1 in)	24.6 x 18.6 x 11.0 cm (9.7 x 7.3 x 4.3 in)
Shipping dimensions (H x W x D)	29.2 x 15.8 x 14.5 cm (11.5 x 6.2 x 4.5 in)	34.3 x 24.6 x 26.4 cm (13.5 x 9.7 x 10.4 in)
Product weight	1.4 kg (3.1 lb)	3.6 kg (7.9 lb)
Shipping Weight	1.8 kg (4.0 lb)	4.2 kg (9.2 lb)
Mounting options	Wall-mount, flush-mount	
Operating temperature range °C	-20°C... 70°C (-4°F... 158°F)	
Warranty	2 - 5 years (depending on country)	
Regulatory approval		
Markings	CE	
Standards	EN/IEC 60947-1, EN/IEC 60947-3, IEC 60269-2-1	
IP degree of protection	IP20 conforming to IEC 60529	
Included parts		
Fuse box		
Mounting hardware		
Top terminal shield		
Fuses (3)		
Combiner bar		

Specifications are subject to change without notice.

Conext Battery Fuse Combiner Box works with the following Schneider Electric products



Conext XW inverter/charger

XW 5548 NA Product no. 865-5548-01
 XW 6848 NA Product no. 865-6848-01
 XW 7048 E Product no. 865-7048-61
 XW 8548 E Product no. 865-8548-61



Conext SW inverter/charger

SW 2524 230 Product no. 865-2524-61
 SW 4024 230 Product no. 865-4024-61
 SW 2524 120 Product no. 865-2524
 SW 4024 120 Product no. 865-4024



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



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