

# 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
<b>Electrical specifications</b>		
Nominal voltage	24 / 48 V DC	24 / 48 V DC
Nominal current	160 A	250 A
<b>Fuse specifications</b>		
Type	DIN	DIN
Size	NH00, NH000	NH1
Number	3	3
<b>Cable connections</b>		
Quantity per pole	3	3
Maximum Cable Size	95 mm <sup>2</sup> (4/0)	150 mm <sup>2</sup> (2/0)
Terminal Type	M8	M10
<b>General specifications</b>		
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... 70	
Warranty	2 - 5 years (depending on country)	
<b>Regulatory approval</b>		
Markings	CE	
Standards	EN/IEC 60947-1, EN/IEC 60947-3, IEC 60269-2-1	
IP degree of protection	IP20 conforming to IEC 60529	
<b>Included parts</b>		
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<sup>7</sup> 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. 865-3524-61  
 SW 2524 120 Product no. 865-2524  
 SW 4024 120 Product no. 865-3524



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



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