

# Conext™ SW inverter/charger

## New value in off-grid solar and backup power

Conext SW delivers new value and a new price point to the marketplace. Conext SW is a pure sine wave, inverter/charger system.

Available DC switchgear panels, display control panel, remote monitoring and automated generator control modules present even more value. Stacking Conext SW units will double the power and available solar charge controllers allow for the integration of solar capacity as required.

### Why choose Conext SW?



#### True bankability

- Warranty from a trusted partner with over 177 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

- Cost effective residential and community system
- Harness the continuously declining production cost of solar power



#### Designed for reliability

- Robust design through rigorous reliability testing (HALT)



#### Flexible

- All models support both 50Hz and 60Hz output
- Support stackable power up to 8kW



#### Easy to service

- Remote monitoring and configuration
- Global support



#### Easy to install

- Configures quickly into compact wall mounted system
- Companion breaker panels integrate inverter with battery bank and solar charge controllers



### Product applications



Residential backup power



Off-grid solar



Community electrification

Device short name	SW 2524 230	SW 4024 230
<b>Electrical specifications - inverter</b>		
Output power (continuous) at 25°C	2500W	3500W
Output power (30 min) at 25°C	2800W	4000W
Output power (5 sec) at 25°C	5000W	7000W
Peak current	24.3A	42A
Output frequency	50/60Hz selectable	50/60Hz selectable
Output voltage	230V a.c.	230V a.c.
Output wave form	True sine wave	True sine wave
Optimal efficiency	91.5%	92%
Idle consumption search mode	< 8W	< 8W
Input DC voltage range	20 - 34V d.c.	20 - 34V d.c.
AC connections	Single phase	Single phase
<b>Electrical specifications - charger</b>		
Output current	65A	90A
Nominal output voltage	24V d.c.	24V d.c.
Output voltage range	12 - 32V d.c.	12 - 32V d.c.
Charge control	3 stage	3 stage
Charge temperature compensation	Yes - BTS included	Yes - BTS included
Optimal efficiency	90%	90%
AC input power factor	> 0.98	> 0.98
Input current	10.6A	14.0A
Input AC voltage	230V a.c.	230V a.c.
Input AC voltage range line to neutral	170 - 270V a.c.	170 - 270V a.c.
Dead battery charge	Yes	Yes
<b>General specifications</b>		
Compatible battery types	FLA, Gel, AGM, Custom	FLA, Gel, AGM, Custom
Transfer relay rating	30A	30A
Transfer time	< 1 cycle (20ms)	< 1 cycle (20ms)
(AC to inverter and inverter to AC)		
Optimal operating temperature range	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Storage ambient temperature range	-40°C to 85°C (-40°F to 185°F)	-40°C to 85°C (-40°F to 185°F)
Product weight	23.0kg (50.6lb)	30.5kg (67.1lb)
Shipping weight	27.2kg (60.0lb)	35.0kg (77.0lb)
Product dimensions (H x W x D)	38.7 x 34.3 x 19.7cm (15.2 x 13.5 x 7.6in)	38.7 x 34.3 x 19.7cm (15.2 x 13.5 x 7.6in)
Shipping dimensions (H x W x D)	56.0 x 44.0 x 32.0cm (22.0 x 17.3 x 12.6in)	56.0 x 44.0 x 32.0cm (22.0 x 17.3 x 12.6in)
System network and remote monitoring	Available	Available
Warranty	5 years	5 years
Part number	865-2524-61	865-4024-61
<b>Regulatory approvals</b>		
Safety	CE mark RCM mark IEC/EN62109-1, IEC/EN62109-2	CE mark RCM mark IEC/EN62109-1, IEC/EN62109-2

Specifications are subject to change without notice.

### Conext SW works with the following Schneider Electric products



**Universal DC Breaker Panel**  
Product no. 865-1016



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



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



**Conext ComBox communication device**  
Product no. 865-1058



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



**MPPT 80 600 Solar Charge Controller**  
Product no. 865-1032