

# Product data sheet

## Characteristics



# 865-4024-61

## Conext SW - inverter / charger SW 4024 230 - input: 20-34 VDC



### Main

Range of product	Conext SW
Device short name	SW 4024
Product or component type	Inverter/Charger

### Complementary

Type of signal	True sine wave (invert mode)
Continuous power	4000 W overload for output (invert mode) , duration: 30 min 7000 W surge for output (invert mode) , duration: 5 s 3400 W for output (invert mode)
Peak output current	42 A for short circuit
Network frequency	50/60 Hz for output (selectable)
Output voltage	230 V AC (invert mode) 12...32 V DC (charge mode) 24 V DC (charge mode) for nominal mode
Output current	90 A (charge mode)
Input voltage	170...270 V AC (charge mode) 20...34 V DC (invert mode) 240 V AC (charge mode) 120 V AC (charge mode)
Input current	14.4 A (charge mode)
Efficiency	92 % (invert mode) 90 % (charge mode)
Cos phi	> 0.98 for input
Power consumption in W	< 8 W for search mode
Battery type	FLA Gel AGM
Relay type	Automatic transfert relay at 30 A
Transfer time	<= 20 ms
Provided equipment	Battery temperature sensor included for temperature compensation
Height	418 mm
Width	341 mm
Depth	197 mm
Product weight	28.1 kg

### Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...85 °C
Standards	IEC/EN 62109-1 IEC/EN 62109-2
Product certifications	CE RCM

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