

Product data sheet

Characteristics

865-4024-61

SW4024-230 Inverter Charger 4.0kW 24VDC

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

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10 cm
Package 1 Width	10 cm
Package 1 Length	10 cm
Package 1 Weight	10 kg