



Main

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|---------------------------|------------------|
| Range of product | Conext SW |
| Device short name | SW 2524 |
| Product or component type | Inverter/Charger |

Complementary

| | |
|------------------------|---|
| Type of signal | True sine wave (invert mode) |
| Continuous power | 2800 W overload for output (invert mode) , duration: 30 min 5000 W surge for output (invert mode) , duration: 5 s 2500 W for output (invert mode) |
| Peak output current | 24.3 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 | 65 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 | 10.6 A (charge mode) |
| Efficiency | 90 % (charge mode) 91.5 % (invert 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 | 22.3 kg |

Environment

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|---------------------------------------|----------------------------------|
| 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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