

GoodWe Static Transfer Switch STS200-80-10

Product code: BESS.GoodWe.09



GoodWe STS200-80-10 – Advanced Transfer Switch for Energy Storage Systems

The GoodWe STS200-80-10 is a high-performance transfer switch designed for commercial and industrial energy storage applications. It enables reliable and instantaneous switching between on-grid and off-grid modes, ensuring power continuity in any situation – even during grid failures. It's an ideal solution for hybrid systems based on inverters and for powering critical loads from photovoltaic panels, batteries, or generators.

Product variants

Index	Price
<p>GoodWe Static Transfer Switch STS200-80-10 BESS.GoodWe.09</p>	<p>Product prices only visible after login. If you do not have an account, please register.</p>

Product description

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## Key Advantages of the Device:

Seamless switching between grid and island mode – The STS enables instantaneous switching (under 10 ms), guaranteeing uninterrupted power supply for critical loads.

High compatibility – Works with inverters, energy storage systems, and diesel generators, supporting power for heat pumps, motors, and other high-power loads.

High power and load capacity – The maximum power on the backup side reaches up to 138 kW, making the device ideal for industrial applications.

Resistance to external conditions – With an IP65 protection rating, the device is suitable for outdoor installation.

Natural cooling and high reliability – The absence of fans minimizes maintenance requirements and increases durability.

## Technical Specifications:

### Electrical Data:

Nominal Voltage: 380 / 400 V (3L / N / PE)

Output Voltage Range: 176 ~ 276 V

Frequency: 50 / 60 Hz

Frequency Range: 45 ~ 65 Hz

### Inverter Side Parameters:

Rated Power: 50,000 VA

Max. Power: 55,000 VA (in off-grid mode)

Rated Current: 72.5 A

Max. Current: 83.3 A

### Grid Side Parameters:

Rated Power: 50,000 VA

Max. Power: 138,000 VA (when powered by the grid)

Rated Current: 72.5 A

Max. Current: 200 A

### Backup Side Parameters:

Rated Power: 50,000 VA

Max. Power (without grid): 55,000 VA

Max. Power (with grid): 138,000 VA

Max. Current: 83.3 A

### Generator / PV Side Parameters:

Rated Power: 50,000 VA

Max. Power: 55,000 VA

Rated Current: 72.5 A

Max. Current: 83.3 A

Other Technical Data:

Nominal Relay Current (AC side): 200 A

Nominal Relay Current (Generator side): 90 A

Switching Time: <10 ms

Communication: RS485

Protection Rating: IP65

Cooling: Natural convection

Dimensions: 510 × 425 × 156 mm

Weight: 16.5 kg

Mounting: Wall-mounted

Certifications: IEC62109-1/-2, EN61000-6-1/-2/-3/-4

Invest in Power Continuity and Efficient Energy Management

The GoodWe STS200-80-10 is the ideal complement to advanced photovoltaic and energy storage systems. It provides not only power security but also flexibility in managing energy sources and optimizing operational costs. Choose a reliable solution that meets the demands of modern commercial and industrial installations.

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