

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

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.
