



POWER SWITCH FOR STORAGE DC 4.0 | 5.0 | 6.0

SAFE SUPPLY OF HOUSEHOLD AND FUNCTIONAL RELIABILITY
OF PV SYSTEM IN CASE OF GRID FAILURE

BACKUP POWER SUPPLY

- Provision of backup grid
- 3-phase supply
- Separated output for not backedup loads

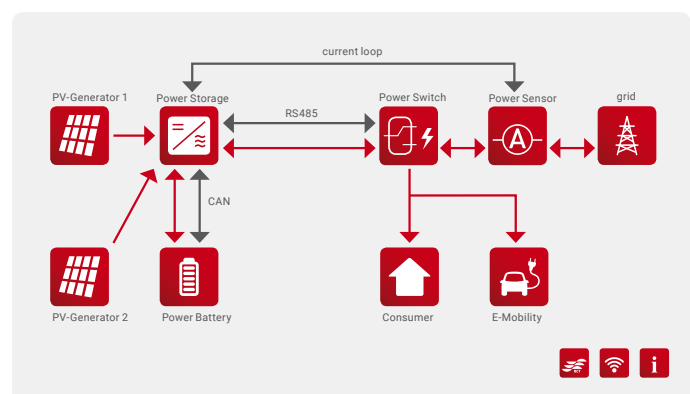
EFFICIENT

- Up to 6 kVA in 1-phase backup mode
- Up to 3 x 2 kVA in 3-phase backup mode
- Fast switching

EASY INSTALLATION

- Compact and lightweight housing
- Power Sensor included
- Wall mounting
- Upgradeable

SYSTEM OVERVIEW



Power Switch

Order Number ZSW063N1AE5

POWER DATA

Nominal voltage	230/400 VAC
Nominal frequency	50 Hz
Max. prospective short circuit current	10 kA
Max. grid-side fuse	63 A
Max. thermal throughput power (3AC) P_{NOM}	20 kW
Losses in standby-mode	app. 18 W
Additional operating losses at 25/50/100% of P_{NOM}	app. 2/4/8
Allowed Battery inverters	RCT Power Storage 4.0 /5.0 / 6.0
Permitted grid form	TN-C-S/TN-S/TT
Terminals Meter/Load/Backup load	Spring clamps up to 16mm ²
Terminals Power Storage	Spring clamps up to 6mm ²

OTHERS

Operating temperature range	-5°C... +40 °C
Relative humidity	5... 95 %
Mounting method	Wall mounting
Dimensions (height x width x depth)	446 x 622 x 161 mm
Weight app.	15 kg

SAFETY/ STANDARDS

Safety class	II
IP-class	65
Standards	IEC/EN61439-1 (DE: VDE 0660-600-1) IEC/EN61439-2 (DE: VDE 0660-600-2) IEC/EN61439-3 (DE: VDE 0660-600-3)