



# Annex

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## Ratings of product:

Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP65

Power factor range (adjustable): 0.8 leading...0.8 lagging

Over voltage category: III(AC), II(DC)

### SK-HWR-5:

PV input: max input power: 7500W, absolute max voltage: 1000 Vdc, MPPT voltage range: 160~950 Vdc,

nominal operating voltage: 720Vdc, max input current: 14 A/14 A, I<sub>sc</sub> PV: 16 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A/26 A, type: Lithium-Ion

AC input: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max input current: 15,2 A, max apparent power: 10000 VA

AC output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max power 5000 W, max apparent power 5500 VA, max output current: 8,0 A

EPS output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, max output current: 15,2 A, nominal frequency: 50/60 Hz, max apparent power 10000 VA

### SK-HWR-6:

PV input: max input power: 9000W, absolute max voltage: 1000 Vdc, MPPT voltage range: 160~950 Vdc,

nominal operating voltage: 720Vdc, max input current: 14 A/14 A, I<sub>sc</sub> PV: 16 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A/26 A, type: Lithium-Ion

AC input: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max input current: 18,2 A, max apparent power: 12000 VA

AC output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max power 6000 W, max apparent power 6600 VA, max output current: 9,6 A

EPS output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, max output current: 18,2 A, nominal frequency: 50/60 Hz, max apparent power 12000 VA

### SK-HWR-8:

PV input: max input power: 10400W, absolute max voltage: 1000 Vdc, MPPT voltage range: 160~950 Vdc,

nominal operating voltage: 720Vdc, max input current: 26 A/14 A, I<sub>sc</sub> PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A/26 A, type: Lithium-Ion

AC input: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max input current: 24,2 A, max apparent power: 16000 VA

AC output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max power 8000 W, max apparent power 8800 VA, max output current: 12,8 A

EPS output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, max output current: 21,2 A, nominal frequency: 50/60 Hz, max apparent power 14000 VA

### SK-HWR-10:

PV input: max input power: 13000W, absolute max voltage: 1000 Vdc, MPPT voltage range: 160~950 Vdc,

nominal operating voltage: 720Vdc, max input current: 26 A/14 A, I<sub>sc</sub> PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A/26 A, type: Lithium-Ion

AC input: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max input current: 24,2 A, max apparent power: 16000 VA

AC output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max power 10000 W, max apparent power 11000 VA, max output current: 16,0 A

EPS output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, max output current: 22,7 A, nominal frequency: 50/60 Hz, max apparent power 15000 VA

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SK-HWR-12:

PV input: max input power: 15000W, absolute max voltage: 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 720Vdc, max input current: 26 A/14 A, I<sub>sc</sub> PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A/26 A, type: Lithium-Ion

AC input: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max input current: 24,2 A, max apparent power: 16000 VA

AC output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, nominal frequency: 50/60 Hz, max power 12000 W, max apparent power 13200 VA, max output current: 19,2 A

EPS output: nominal voltage: 220/380, 230/400 Vac, 3L/N/PE, max output current: 22,7 A, nominal frequency: 50/60 Hz, max apparent power 15000 VA

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End