

Ratings of the test 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

SG5.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 12.5/12.5 A, I_{sc} PV: 16.0/16.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 8.3 A, rated 5000 W, max 5500 VA

SG6.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 12.5/12.5 A, I_{sc} PV: 16.0/16.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 10.0 A, rated 6000 W, max 6600 VA

SG7.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, I_{sc} PV: 32.0/16.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 11.7 A, rated 7000 W, max 7700 VA

SG8.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, I_{sc} PV: 32.0/16.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 13.3 A, rated 8000 W, max 8800 VA

SG10RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, I_{sc} PV: 32.0/16.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 16.7 A, rated 10000 W, max 11000 VA

SG12RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, I_{sc} PV: 32.0/16.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 20.0 A, rated 12000 W, max 13200 VA

SG15RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/25.0 A, I_{sc} PV: 32.0/32.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 25.0 A rated 15000 W, max 16500 VA

SG17RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/25.0 A, I_{sc} PV: 32.0/32.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 28.3 A, rated 17000 W, max 18700 VA

SG20RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/25.0 A, I_{sc} PV: 32.0/32.0 A

Output: 3/N/PE, 230 Vac, 50/60 Hz, max 31.9 A, rated 20000 W, max 22000 VA