

Ratings of the test product:

Operating temperature range: - 20°C to + 60°C
Protective class: I
Ingress protection rating: IP65
Power factor range (adjustable): 0.8 leading...0.8 lagging

i3.0F:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15 A/15 A
Output: 230 Vac, 50/60 Hz, rated apparent power 3000VA, max apparent power 3300 VA, rated 13.0 A, max 14.3 A

i3.6F:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15 A/15 A
Output: 230 Vac, 50/60 Hz, rated apparent power 3600 VA, max apparent power 3960 VA, rated 15.7 A, max 17.2 A

i4.6F:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15 A/15 A
Output: 230 Vac, 50/60 Hz, rated apparent power 4600 VA, max apparent power 5060 VA, rated 20.0 A, max 22.0 A

i5.0F:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15 A/15 A
Output: 230 Vac, 50/60 Hz, rated apparent power 5000 VA, max apparent power 5500 VA, rated 21.7 A, max 23.9 A

i5.3F:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15 A/15 A
Output: 230 Vac, 50/60 Hz, rated apparent power 5300 VA, max apparent power 5830 VA, rated 23.0 A, max 25.3 A

i6.0F:

PV input: Max. 600 Vdc, MPPT voltage range: 80-550 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15 A/15 A
Output: 230 Vac, 50/60 Hz, rated apparent power 6000 VA, max apparent power 6000 VA, rated 26.1 A, max 26.1 A