

5kW PV Grid-Tied Inverter

Item	US Parameters	CN Parameters
Model	RN 5000US	RN 5000CN
Recommended Maximum PV Power	6250 W	6250 W
DC Maximum Voltage	580 V	580 V
Peak Power Tracking Voltage	150 - 550 V	150 - 550 V
DC Maximum Input Current	13A per MPPT - 26A total	13A per MPPT - 26A total
Number of Inputs	4	4
PV Start Voltage	200 V	200 V
AC Nominal Power	5000 W	5000 W
AC Maximum Output Power	5500 W	5500 W
AC Maximum Output Current	22.9A @ 240 V	22.5A @ 200 V
AC Nominal Voltage Range	215 - 265 V @ 240 V	220 V @ 190 - 250 V
AC Frequency: nominal/range	60 / 59.3 60.5 Hz	50 / 45.5 - 54.5 Hz
Power Factor (Nominal)	1	1
Peak Inverter Efficiency	96%	96%
Dimensions	W x H x D (in) 21 x 19 ¼ x 9 ¾	W x H x D (mm) 533 x 489 x 248
Weight / Shipping Weight	49 lb / 55 lb	22.5 Kg / 25 Kg
Ambient Temperature Range	- 25°C to 60°C	- 25°C to 60°C
Power Consumption	0 W night time ≤ 8 W in operating	0 W night time ≤ 8 W in operating

[5kW PDF Manual](#)

3kW PV Grid-Tied Inverter (Available Summer 2012)

Item	US Parameters	CN Parameters
Model	RN 3000US	RN3000CN
Recommended Maximum PV Power	3750 W	3750 W
DC Maximum Voltage	550 V	550 V
Peak Power Tracking Voltage	150 - 550 V	150 - 550 V
DC Maximum Input Current	9.3A	9.3A
Number of Inputs	2	2
PV Start Voltage	200 V	200 V
AC Nominal Power	3000 W	3000 W
AC Maximum Output Power	3500 W	3500 W
AC Maximum Output Current	14.6A @ 240 V	17.5A @ 200 V
AC Nominal Voltage Range	215-265 V @ 240 V	220V190 - 250 V
AC Frequency: nominal/range	60 / 59.3 60.5 Hz	50 / 45.5 - 54.5 Hz
Power Factor (Nominal)	1	1
Peak Inverter Efficiency	96%	96%
Dimensions	W x H x D (in) 21 x 19 ¼ x 9 ¾	W x H x D (mm) 533 x 489 x 248
Weight / Shipping Weight	49 lb / 55 lb	22.5 Kg / 25 Kg
Ambient Temperature Range	- 25°C to 60°C	- 25°C to 60°C
Power Consumption	0 W night time ≤ 8 W in operating	0 W night time ≤ 8 W in operating