

THREE PHASE SOLAR GTI

RG-NT SERIES



FEATURES

- IP65 ingress protection 10+years R&D accumulation and support
- Comply with international quality standards tested by TUV,BV,Dekra etc
- Quick and easy single person installation Fault codes warning viwe on LCD display Built-in limiter optional

- Big LCD display
- Power export limit
- Compact and easy to install
- Wifi/GPRS/Lan communication optional

MODEL	RG-NT10KW	RG-NT12KW	RG-NT15KW	RG-NT17KW	RG-NT20KW	RG-NT25KW
Input (DC)						
Max DC power (W)	15000	18000	22500	25500	30000	30000
Max DC voltage (Vdc)	1000	1000	1000	1000	1000	1000
Min working voltage (Vdc)	250	250	200	250	200	200
MPPT voltage range (Vdc)	200~850	200~850	200~850	200~850	200~850	200~850
Max input current / per string (A)	13/13	13/13	26/26	26/26	26/26	36/26
Number of MPP trackers	2	2	2	2	2	2
Number of input string	2	2	3	4	4	4
Output (AC)						
AC nominal power (W)	10000	12000	15000	17000	20000	25000
Max AC apparent power (VA)	11000	13200	16500	18700	22000	27500
Max output current (A)	17	20	23	25	30	36
Nominal AC output	50/60 Hz; 400 Vac					
AC output range	45/55 Hz ; 280 ~ 490 Vac (Adj)					
Power factor	0.8leading...0.8laging					
Harmonics	< 1.5%					
Grid type	3 W/N/PE					
Efficiency						
Max efficiency	98.3%	98.4%	98.5%	98.5%	98.6%	98.7%
Euro efficiency	97.8%	97.9%	98.0%	98.1%	98.1%	98.2%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Safety and Protection						
DC reverse-polarity protection	yes					
DC breaker	yes					
DC/AC SPD	yes					
Leakage current protection	yes					
Insulation Impedance Detection	yes					
Residual Current protection	yes					
General Parameters						
Dimension (W/H/D)(mm)	520*510*160					
Weight (kg)	28					
Operating temperature range °C	-25 ~ +60					
Degree of protection	IP65					
Cooling concept	Smart Cooling					
Topology	Transformerless					
Display	LCD					
Humidity	0-95%, no condensation					
Communication	Standard WiFi; GPRS/LAN(optional)					
Warranty	Standard 5 years; 7/10 years optional					