



Three-phase Grid-connected Inverter

RZE-ON20-T



LED display, touch button design,
direct data view



Highly protective design of the shell,
resistant to heat and corrosion, 25
years without rusting



Maximum efficiency 98.5%, dual MPPT,
more power generation



Intelligent remote monitoring



Intelligent fan cooling



Support anti-backflow function



14A string current, suitable for high current
high efficiency module applications



150% DC over configuration, 110% AC
overload output



Photovoltaic input up to 1100V





Technical Data	RZE-ON20-T
Input DC (PV side)	
Max. PV access power	40000W
Max. PV input power	26000W
Max. PV input voltage	1100V
Operation voltage range	200V-1000V
Number of independent MPPT/strings per MPPT	2/2+2
MPPT max. current	30A/30A
AC Output Data	
Rated output power	20000W
Max. output power	22000W
Rated output voltage	400V/320V-480V
Rated output frequency	50Hz/60Hz
Rated output current	29A
Max. output current	32A
Power factor	-0.8~+0.8 (adjustable)
THDi	<3%(Nominal Output)
Grid system pattern	3W+N+PE
Efficiency	
Max. efficiency	98.5%
Europe efficiency	98.2%
Protection	
Input DC switch	Yes
Input over current protection	Yes
DC reverse polarity protection	Yes
Output over voltage protection	Yes
Output over current protection	Yes
Anti islanding protection	Yes
AC surge protection	Yes
DC surge protection	Yes
Insulation impedance protection	Yes
RCD detection	Yes
General Data	
Dimensions(L/W/H)in mm	403/236/360
Weight	18.5kg
Noise	<30dB
Operation temperature range	-25°C~+60°C
Heat dissipation mode	Smart cooling
IP Class	IP65
Maximum altitude	4000m
Self-Consumption night	<1w
Topology	Transformerless
Features	
LCD display	Yes
Communication interface	WIFI/GPRS/RS485(optional)
Warranty	5 years (standard)
Standards	IEC 61683, IEC 61727, IEC 62116, IEC 60068, EN 62109, IEC 61000, EN 50549, NB/T32004