



Single-phase Grid-connected Inverter

RZE-ON6-S



LED display, touch button design,
direct data view



IP65 protection, built-in SPD protection
for safety and reliability



Maximum efficiency 97.6%, more power
generation



Intelligent remote monitoring



Dual MPPT, support for parallel connection for
greater adaptability



Support anti-backflow function



130% DC over configuration, 110% AC overload
output; Wide DC voltage range





Technical Data	RZE-ON6-S
Input DC (PV side)	
Max. PV access power	12000W
Max. PV input power	7800W
Max. PV input voltage	550V
Operation voltage range	80V-540V
Number of independent MPPT/strings per MPPT	2/1
MPPT max. current	20A/20A
AC Output Data	
Rated output power	6kW
Max. output power	6.6kVA
Rated output voltage	230V/ 180V-280V
Rated output frequency	50Hz/60Hz
Rated output current	26.1 A
Max. output current	29A
Power factor	-0.8~+0.8 (adjustable)
THDi	<3%(Nominal Output)
Grid system pattern	L+N+PE
Efficiency	
Max. efficiency	97.6%
Europe efficiency	96.8%
Protection	
Input DC switch	Yes
Anti islanding protection	Yes
Output over current protection	Yes
Input over current protection	Yes
DC reverse polarity protection	Yes
Output over voltage protection	Yes
Insulation impedance protection	Yes
RCD detection	Yes
General Data	
Dimensions(L/W/H)in mm	330/188/312
Weight	11.4kg
Noise	<25dB
Operation temperature range	-25°C ~+60°C
Heat dissipation mode	Natural
IP Class	IP65
Maximum altitude	4000m
Self-Consumption night	<1w
Topology	Transformerless
Features	
LCD display	Yes
Communication interface	WIFI/4G/GPRS/RS485(optional)
Warranty	5 years (standard)
Standards	PORTARIA INMETRO N°140, DE 21 DE MARÇO, ABNT NBR 16150, IEC 62116, IEC 62109, IEC 62891, CISPR 11, AMD, IEC 61000, IEC 62920, IS 16221, IS 16169

