

RS-S



RS-S-3.6K | RS-S-4K | RS-S-5K | RS-S-6K | RS-S-8K



High Efficiency up to 98.3%



Support 1.1 times overload



Low start-up wide voltage, suitable for various installation scenarios



Smaller and Lighter



WiFi / 4G Plug Optional



Multiple protection safe and reliable using IP65 protection

Single phase inverter performance parameter

Single phase inverter					
MODEL	RS-S-3.6K	RS-S-4K	RS-S-5K	RS-S-6K	RS-S-8K
Input(DC)					
Max. DC Voltage	600V				
Nominal Voltage	380V				
Start Voltage	120V				
MPPT Voltage Range	80V-560V				
Number of MPPT	2				
Strings Per MPPT	1				
Max. Input Current Per MPPT	15A	15A	15A	15A	26A/16A
Max. Short-circuit Current Per MPPT	18A	18A	18A	18A	31A/19A
Output(AC)					
Nominal AC Output Power	3600W	4000W	5000W	6000W	8000W
Max. AC Apparent Power	3960VA	4400VA	5500VA	6000VA	8000VA
Nominal AC Voltage	230V L-N				
AC Grid Frequency Range	50Hz / 60Hz±5Hz				
Max. Output Current	17A	19A	24A	26A	35A
Power Factor	0.8 leading ~ 0.8 lagging				
THDi	<3%				
Efficiency					
Max. Efficiency	98.10%	98.30%	98.30%	98.30%	98.30%
Euro Efficiency	97.70%	97.90%	97.90%	97.90%	97.90%
Protection devices					
DC Switch	Yes				
Anti-islanding Protection	Yes				
Output Over Current Protection	Yes				
DC Reverse Polarity Protection	Yes				
String Fault Detection	Yes				
DC/AC Surge Protection	DC: Type II / AC: Type III				
Insulation Detection	Yes				
AC Short Circuit Protection	Yes				
General Specifications					
Dimensions W x H x D	380X380X150mm				
Weight	10kg	11kg	11kg	11kg	13kg
Operating Temperature Range	-25°C~+60°C				
Cooling Type	Natural				Fan Cooling
Max. Operating Altitude	≤4000m				
Max. Operating Humidity	0-100%				
IP Class	IP65				
Topology	Transformer-less				
Communication	RS485/WIFI/4G				
Display	LCD				
Certification & Standard	EN/IEC62109-1/2; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683;IEC60068;IEC60529;IEC62116;IEC61727;EN50549-1;AS 4777.2;NRS 097; VDE-AR-N-4105;VDE 0126-1-1;CE10-21;G98;G99;C10/C11;TED749; UNE217001;UNE217002;NB/T32004-2018; GB/T19964-2012;INMETRO				