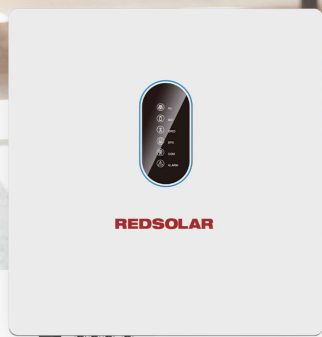


RS-HT



RS-HT-5K | RS-HT-8K | RS-HT-10K | RS-HT-15K | RS-HT-20K



Maximum efficiency 98.4%,
battery efficiency 98%



150% unbalance output



IP65 protection rating,
good adaptability to complex
outdoor environment



Advance energy management
mechanism, multiple working
modes built-in, and support
flexible customized setting

Three phase hybrid inverter performance parameter

MODEL	Three phase hybrid inverter				
	RS-HT-5K	RS-HT-8K	RS-HT-10K	RS-HT-15K	RS-HT-20K
	Input(DC)				
Max. PV Input Power	9,000W	15,000W		22500W	30000W
Max. DC Voltage		1000V			
Start Voltage		150V			
MPPT Voltage Range		160V-950V			
Number of MPPT		3			2
Strings Per MPPT	1/1	1/2		2/2	
Max. Input Current Per MPPT	15A/15A	20A/30A		30A/30A	
Max. Short-circuit Current Per MPPT	20A/20A	30A/40A		40A/40A	
	Bat				
Battery Type	Lithium-Ion, Lead-acid				
Nominal Battery Voltage		250V-600V		320V-800V	420V-800V
Battery Voltage Range		150V-600V		150V-800V	
Max. Charge/Discharge Current	25A/25A	50A/50A			
Max. Charge/Discharge Power	9,000W/5,800W	15,000W/9,100W	15,000W/11,300W	18000W/17000W	24000W/22680W
	Output(Grid)				
Nominal AC Output Power	5,000W	8,000W	10,000W	15,000W	20,000W
Max. AC Apparent Power	5,500VA	8,800VA	11,000VA	16,500VA	22,000VA
Max. AC Output Power (PF=1)	5,500W	8,800W	11,000W	16,500W	22,000W
Max. AC Output Current	3*8.3A	3*13.3A	3*16.7A	3*25.1A	3*33.4A
Max. Single Phase power	2,500W	4,000W	5,000W	7500W	10,000W
Max. Input Power		15,000VA		30000VA	
Max. Input Current		3*25A		3*50A	
Rated Grid Voltage		380V/400V/415V, 3W+N+PE			
Grid Voltage Range		260V-520V (Adjustable)		277V-520V (Adjustable)	
Rated Grid Frequency		50Hz/60Hz			
AC Frequency Range		45Hz-55Hz/55Hz-65Hz (Adjustable)			
Power Factor		> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)			
THDI		<5%(Rated Power)		<3%(Rated Power)	
	Output(Back Up)				
Nominal Output Power	5,000W	8,000W	10,000W	15,000W	20,000W
Nominal Output Current	3*7.6A	3*12.2A	3*15.2A	3*22.7A	3*30.3A
Max. Single Phase Power	2,500W	4,000W	5,000W	7,500W	10,000W
Peak Power (5min)	6,000VA	9,600VA	12,000VA	18,000VA	24,000VA
Peak Power (10s)	7,500VA	12,000VA	15,000VA	22,500VA	30,000VA
Nominal Output Voltage		380V/400V/415V, 3W+N+PE			
Nominal Output Frequency		50Hz/60Hz			
Transfer Time		10ms			
THDV		<3% (R Load)			
	Efficiency				
Max. Efficiency (PV to AC)	98.2%	98.4%		98.2%	
Max. Efficiency (BAT to AC)		98%			
Eur. Efficiency(PV to AC)	97.2%			97.9%	
	Protection Devices				
DC Switch		Class I			
Anti-islanding Protection		Yes			
AC Over Current Protection		Yes			
AC Over Voltage Protection		Yes			
AC Short Circuit Protection		Yes			
DC Reverse Protection		Yes			
Surge Arrester		DC Type III, AC Type III			
PV Insulation Detection		Yes			
Leakage Current Protection		Yes			
PV Insulation Detection		Yes			
AFCI		Optional			
RSD		Optional			
	General Specifications				
Dimensions W x H x D		530mm*550mm*212mm		660mm*570mm*230mm	
Weight	30Kg	32Kg		45Kg	
Operating Temperature Range		-25°C-60°C (>45°C derating)			
Max. Operating Humidity		0-100%			
Cooling Type		Natural Cooling			
Max. Operating Altitude		4000m (>2000mderating)			
IP Class		IP65			
Mounting		Wall bracket			
PV Connection		MC4/H4			
Display		LED+APP, LCD (Optional)			
Communication		RS485/CAN (for BMS), RS485, RS485 (for Meter), DRMs, 2*DI (1 for RMO), 2*DO, Optional: Wi-Fi/GPRS/LAN			
Safety		VDE-AR-N4105, IEC 61727/62116, AS 4777.2, EN 50549-1, C10/11, G99, CEI 0-21, NRS 097-2-1, RD 1699/661/413 IEC 62109-1&2 EN 61000			
Warranty		5 Years/10 Years (Optional)			