



REVOLT



BLUE FAIRY SERIES

High protection inverter, specifically designed for photovoltaic water pumps, with high MPPT efficiency and low failure rate. With the addition of ACDC function, it truly achieves seamless switching between AC and DC.

- ◆ Start and Sleep automatically
- ◆ Work without care for 24 hours
- ◆ Maximum power point tracking (MPPT) up to 99%
- ◆ AC-DC simultaneous access seamless switching
- ◆ Apply to: Urban water supply, desert management grassland animal husbandry, agriculture water supply
- ◆ Waterless protection (without Sensors)
- ◆ Optional built-in timing function
- ◆ Ip65 high protection level
- ◆ Optional configuration of GPRS module

Function		Specification		
Model		-Ss2	-S2	-4
Input	Input Voltage (AC)	1PH220V(-15%)~240V(+10%)		3PH 380V(-15%)~440V(+10%)
	Input Voltage (DC)	170-430V		270-800V
	Input Frequency (Hz)	AC 47~63Hz		
Output	Output Voltage (V)	1PH 220-240V	3PH 220-240V	3PH 380-800V
	Output Frequency (Hz)	0~400Hz		
	Output Power (KW)	0.4~15KW		0.4~350KW
Technical Control Feature	VFD Efficiency	≥96%		
	MPPT efficiency	Up to 99.9%		
	Installation	Wall mounted		
	Protection class	Ip65		
	Working temperature	-10~60°C		
	Allowable Fluctuations	Voltage Imbalance Rate:<3% FrequencyFluctuating:+5%		
	Overload capacity	150% of rated current for 1 minute; 180% of rated current for 10 seconds; 200% of rated current for 0.5 seconds		
	Solar pump protection function	Dry run, low frequency, low power, dormancy, water full, pump over current protection		
	Basic protection function	Bus overvoltage, under voltage, inverter over current, module fault, inverter overload, motor overload, current detection zero drift fault,Hall fault, motor grounding Short circuit fault, inout phase loss, output phase oss, inverter overheat, communication fault, motor parameter self-tuning fault		
Running Control Feature	Frequency Setting Mode	Digital setting, analog setting, pulse frequency setting, multi-stage speed running settingsimple Plc setting, PID settingMODBUS communication setting. Realize the shifting between the set combination		
	Fault Protection	Provide over 30 fault protection functions: over current, over voltage, under voltage, over heating, phase failure and overload, etc		

Common specification	Input Voltage	Rated Out put Power(kw)	Rated input Current(A)	Rated Out put Current(A)	Applicable Motor(Kw)
RB600-1 R5G-SS2	Single Phase220V	1.5	15.7	10.2	1.5
RB600-2R2G-SS2		2.2	24	14	2.2
RB600-1R5G-S2		1.5	15.7	7.5	1.5
RRB600-2R2G-S2		2.2	24	10	2.2
RB600-0R7G-4	Three Phase380V	0.75	3.4	2.5	0.75
RB600-1R5G-4		1.5	5.0	4.2	1.5
RB600-2R2G-4		2.2	5.8	5.5	2.2
RB600-004G-4		4.0	13.5	9.5	4.0
RB600-5R5G-4		5.5	19.5	14	5.5
RB600-7R5G-4		7.5	25	18.5	7.5
RB600-011G-4		11	32	25	11
RB600-015G-4		15	40	32	15
RB600-018G-4		18.5	47	38	18.5
RB600-022G-4		22	51	45	22
RB600-030G-4		30	70	60	30
RB600-037G-4		37	80	75	37