

RESCUBE

Install-free Home Power Backup

500 W | 1 kWh | Off-grid

1000 W | 2 kWh | Off-grid



ES-Grade LFP Battery
Utilize 314Ah LFP battery
guaranteeing energy
station grade safety and
duration



Fast Solar Charging
Up to 300/500W PV input



Pure Sine Wave Output
Maximize energy transfer
and minimize equipment
failure



PayGo (Optional)
Supports PayGo,
enabling installment
payments and remote
shutdown



Model	VEP05K-10B	VEP1K-20B
PV Input		
Max. PV Input Power	300W	500W
PV Input Voltage Range	11-55V	
Maximum Charge Current	10A	15A
MPPT Efficiency	>99%	
PV Input Port	XT60 with MC-4 adaptor	
AC Input		
Max. AC Input Power	500W±5%	1000W±5%
Input Voltage Range & Frequency	90-280V±5V, 45-65Hz	
Max. Input Current	3.65A±10%	8A±10%
AC Input Port	1*Socket (optional)	
AC Output		
Rated Output Power	500W±5%	1000W±5%
Peak Output Power	1000W±5%(15s)	
Output Voltage Range	210-230V	2*220-240V
AC Output Port	1*Socket & 2*USB-A	2*Sockets & 4*USB-A & 4*USB-C
Switch Time	<20ms	
Battery Parameters		
Cell Type	LFP	
Nominal Battery Voltage	3.2V	6.4V
Nominal Battery Energy	1004.8 Wh	2009.6Wh
General Specification		
Cooling Mode	Fan Cooling	
Altitude	<3000m	
Noise	<55dB	
Weight	11±0.5kg	18.5±0.5kg
Dimension(W*H*D)	300*200*150mm	350*210*250mm
IP Rating	IP20	
Operating Temperature Range	Charging:0°C~45°C; Discharging:-20°C~45°C	
Allowed Humidity Range	20~90%	10~90%