

Energi Pintar & Fleksibel Sesuai Kebutuhan Anda



Sistem All-in-One

Baterai dan inverter dalam satu unit. Instalasi cepat, rapi, dan praktis.



Desain Hemat Ruang

Compact, minimalis, dan modern. Pas untuk berbagai ruangan rumah.



Mudah Dipindahkan

Dilengkapi roda, mudah dipindahkan. Instalasi fleksibel tanpa repot.



Daya Bisa Ditingkatkan

1 baterai (5kW) untuk upgrade instan. Tambah kapasitas hingga 20kW.

Birubatt BB-ST5000 adalah sistem baterai all-in-one dengan inverter terintegrasi. Desainnya ringkas, hemat ruang, dan mudah dipindahkan. Kapasitas bisa ditingkatkan hingga 20kW hanya dengan plug-in baterai tambahan. Solusi energi pintar dan fleksibel untuk kebutuhan energi modern.

Wujudkan Energi Pintar Hari Ini

Specification

Model		BB-ST5000			
Inverter Features					
Inverter Output	Rated Power	5000W			
	Peak Power	10000W			
	Waveform	Pure Sine Wave			
	AC Voltage (Battery Mode)	(220vac~240vac) \pm 5% \times 230vac(Default)			
	Inverter Efficiency (Max)	93%			
	Transfer Time	10ms(UPS) \times 20ms(APL)			
	No Load Power Consumption	<40W@48VDC			
AC Output	Voltage	230VAC			
	Selectable Voltage Range	170~280VAC(UPS)90~280VAC(APL)			
	Frequency Range	50Hz/60Hz(Auto Sensing)			
Solar Charger & AC Charger	Solar Charger Type	MPPT			
	MPPT Maximum PV Array Power	6000W			
	MPPT Output Voltage Range	60~450V			
	Maximum PV Array Open Circuit Voltage	500V			
	Maximum Solar Charge Current	80A			
	Maximum AC Charge Current	80A			
	Maximum Charge Current	80A			
Electrical Characteristics of Battery Pack					
Battery Pack	Rated Battery Voltage	51.2V			
	Rated Power	5KWH	10KWH	15KWH	20KWH
	Nominal Capacity	100Ah	200Ah	300Ah	400Ah
	Combination	16S1P			
	Cycle Life	\geq 4500 cycle @70%DOD @35°C			
	Monthly Self-discharge	3%/Month			
	Charging Efficiency	\geq 97%			
Discharging Efficiency	\geq 98%				
Charging Standard	Recommended Charging Voltage	57.6V			
	Recommended Charging Current	20A	40A	60A	80A
	Maximum Charging Voltage	58.4V			
	Maximum Charging Current	100A			
Discharging Standard	Recommended Discharging Current	50A		100A	
	Maximum Charging Current	100A			
	Discharge Cut-off Voltage	43.2V			
Physical	Dimensions(W*D*H)(mm)	520*480*188mm	520*480*356mm	520*480*534mm	520*480*712mm
	Package Size (W*D*H)(mm)	995*590*255mm			
	Net Weight(kg)	46kg	92kg	138kg	184kg
	Gross Weight(kg)	49kg			
	IP Protection	IP30			
	Shell Material	Metal			
Environment	Optional Functions	Anti-theft Function			
	Charging Temperature Range	0°C~45°C			
	Operating Temperature Range	-20°C~60°C			
	Storage Temperature	0°C~40°C			
	Humidity	10%~85%RH(NO Condensing)			

*Product specifications are subject to change without further notice