

BST 电科电源

POWER BOX SYSTEM SERIES

PBS-DG

Power your home
with next generation
energy storage

- Dual-voltage flexibility of 120V and 240V AC output
- Advanced split-phase integration
- Seamlessly AC coupling
- Whisper-quiet operation
- Enhanced durability with IP67 rating
- BST Cloud for anywhere anytime remote control and monitor

 **IP67**  **BST**



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SPECIFICATION

	Model	PBS-DG-AC5	PBS-DG-AC10
OUTPUT (GRID)	Nominal AC output power	3000W	5000W
	Max. AC output current	15A/15A (L1/L2)	24.5A/24.5A (L1/L2)
	Rated AC voltage	240V/120V	
	Rated grid frequency	50/60Hz	
	Power factor	0.85 leading~0.85 lagging	
	THDI	< 3%	
	Grid connection	Split phase, L1+L2+N	
OUTPUT (BACK UP)	Nominal AC output power	3300VA	5500VA
	Max. AC output current	15A/15A (L1/L2)	24.5A/24.5A (L1/L2)
	Rated AC voltage	240V/120V	
	Nominal output frequency	50/60Hz	
	Transfer time	< 12ms	
BATTERY MODULE DATA	Battery type	LFP	
	Battery nominal voltage	51.2V	
	Battery energy	5.12kWh	10.24 kWh
	Max. charge/discharge current	80A/80A	120A/120A
	Cycle life	6000 times	
	Designed life	15 years	
GENERAL PARAMETER	Max. efficiency	≥91%	
	Dimensions (W×H×D)	580mm ×1000mm×195mm	580mm ×1400mm×195mm
	Weight	~105kg	~150kg
	Ingress protection degree	IP67 (Battery pack & Inverter), IP56 (Wiring)	
	Operation altitude	No derating < 2000m	
	Heat dissipation	Natural cooling	
	Noise emissions	< 30dB	
	Grid certification	California efficiency, UL1741, CSA C22.2, IEEE1547, SUNSPEC,	
	Safety certification	UL9540, UL9540A, UL1998, UL1973, FCC	
	Transportation certification	UN38.3	