

BST™

POWER CUBE

- Outdoor power partner
- AC coupling input bypasses PV system re-modifying costs
- Built in inverter for everywhere power up
- Stackable solution: easily upscale to 9.6kW/21.6kWh
- IP65 that thrives to shine or rain
- BST Cloud for anywhere anytime remote control and monitor

 LFP  IP65  BST



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SPECIFICATION

	Model	PT-SG-HB3.6/1.6
INPUT (PV)	Max. PV Power	1.6kW
	MPPT voltage range	10~100V
	MPPT Max. input current	16A/16A
	No. of MPPT trackers MPPT	2
OUTPUT (GRID)	Nominal AC output power	1.6kW
	Max. AC output current	8A
	Rated AC voltage	230V
	Rated grid frequency	50/60Hz
	Power factor	0.85 leading~0.85 lagging
	THDI	<3%
	Grid connection	single phase
BATTERY DATA	Battery type	LFP
	Battery energy	3.68kWh
	Max. charge/discharge current	40A/40A
	Cycle life	6000 times (80% DOD)
	Designed life	15years
OUTPUT (BACK UP)	Nominal AC output power	1600VA
	Max. AC output current	10A
	Rated AC voltage	230V
	Nominal output frequency	50/60Hz
	Transfer time	<10ms
GENERAL PARAMETER	Max. efficiency	≥97.2%
	Dimensions (W×H×D)	540mmx310mmx375mm
	Weight	44kg
	Ingress protection degree	IP65
	Operation altitude	No derating<2000m
	Safety	CE-EMC+RED, IEC62619, IEC62109
	Grid	VDE4105 VDE0124, EN50549, G98/G100, RD413 RD647 UNE217001/2, C10/C11