

## POWER CUBE

- Outdoor power partner
- AC coupling input bypasses PV system remodeling 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**



# SPECIFICATION

	Model	PT-SG-HB3.6
<b>INPUT (PV)</b>	Max. PV Power	1.6kW
	MPPT voltage range	10~100V
	MPPT Max. input current	16A/16A
	No. of MPPT trackers	2
<b>OUTPUT (GRID)</b>	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
<b>BATTERY DATA</b>	Battery type	LFP
	Battery energy	3.68kWh
	Max. charge/discharge current	40A/40A
	Cycle life	6000 times (80% DOD)
	Designed life	15years
<b>OUTPUT (BACK UP)</b>	Nominal AC output power	1600VA
	Max. AC output current	10A
	Rated AC voltage	230V
	Nominal output frequency	50/60Hz
	Transfer time	< 12ms
<b>GENERAL PARAMETER</b>	Max. efficiency	≥97.2%
	Dimensions (W×H×D)	540mmx295mmx420mm
	Weight	35kg
	Ingress protection degree	IP65
	Operation altitude	No derating < 2000m
	Safety	CE, IEC62619, UN38.3, IEC62109
	Grid	VDE4105, EN50549, G99, CEI 0-21