






SOLAX SOLAR BATTERY

FEATURES



-  Remote fault diagnosis, upgrade and maintenance
-  Unique battery heating tech for low-temperature operation
-  LFP battery cell & high-performance processors
-  IP65 Ingress protection
-  Soft start to protect from a sudden surge

10-year warranty

SPECIFICATIONS

MODEL	I-BAT HS14.4	I-BAT HS18.0	I-BAT HS21.6	I-BAT HS25.2	I-BAT HS28.8
Rated energy	14.75 kWh	18.43 kWh	22.12 kWh	25.80 kWh	29.49 kWh
Usable energy(90% DOD)	13.3 kWh	16.6 kWh	19.9 kWh	23.2 kWh	26.5 kWh
Rated voltage	204.8 V	256.0 V	307.2 V	358.4 V	409.6 V
Operation voltage range	180 ~ 232 V	225 ~ 290 V	270 ~ 349 V	315~406V	360 ~ 465 V
Recommend charge / discharge current	35A				
Max. charge / discharge current	50A				
Rated power	7.1 kW	8.9 kW	10.7 kW	12.5 kW	14.3 kW
Max. power	10.2kW	12.8 kW	12.8 kW	17.9 kW	20.4kW
Depth of discharge	90%				
Communication interfaces	RS485, CAN				
Dimensions (W x H x D)	510 x 797 x 365 mm	510 x 934.5 x 365 mm	510 x 1072 x 365 mm	510 x 1209.5 x 365 mm	510 x 1347 x 365 mm
BMS					
Depth of discharge	TBMS-MCS0800				
Communication interfaces	510 x 157 x 365 mm				
Dimensions (W x H x D)	13 kg				



SPECIFICATIONS

MODEL	I-BAT HS14.4	I-BAT HS18.0	I-BAT HS21.6	I-BAT HS25.2	I-BAT HS28.8
BATTERY MODEL					
Battery model	TP-HS36				
Battery type	LFP				
Battery module	3.6 kWh				
Dimensions (W x H x D)	570 x 152 x 365 mm				
Net weight	34 kg				
SERIESBOX					
Dimensions (W x H x D)	510 x 157 x 365 mm				
Net weight	10 kg				
ENVIRONMENTAL REQUIREMENT					
Installation	Floor mounting				
Charge temperature	-30 ~ +53°C (with heating function) 0 ~ +53°C (without heating function)				
Discharge temperature	-30 ~ +53°C (with heating function) -20 ~ +53°C (without heating function)				
Max. operation altitude	3000 m				
Environment	Outdoor / indoor (*please refer to the user manual far installation condition)				
Ingress protection	IP65				
Relative humidity	4 ~ 100% RH (condensing)				
STANDARD					
Certifications	IEC 62619, IEC 60730, IEC 62040, CE, UN38.3				



SAVE BIG ON SOLAR BATTERY INSTALLATION!

With the new government rebate officially live, it's never been more affordable... or more worth it.

