

# SHB 20 Battery

EHB-002000-TU0

## Home Energy Storage - TW

This series products are compact solution for energy storage or backup needs of home user or smaller business.

It can provide backup power to avoid losses when power stopping. Moreover, It can store power from solar charging power during the day time or from grid power during low-price period and supply power during high-price or heavy loading period to achieve the purpose of saving energy and electricity bills.



### Product HIGHLIGHT



Compact design for transportation and Modular design for installation and maintenance.



Automatically store energy from solar power or grid power during low-price period and supply the power to house needs at any time.



Flexible to choose different quantities of battery modules based to user requirements of capacity and space.

## Home Energy Storage - Battery

Series	SHB 7		SHB 10		SHB 14		SHB 17		SHB 20		
Model Name	EHB-000700-TU0		EHB-001000-TU0		EHB-001400-TU0		EHB-001700-TU0		EHB-002000-TU0		
Performance											
Battery module	3.5-M (3.46 kWh / LFP)										
Number of modules	2 packs		3 packs		4 packs		5 packs		6 packs		
Installed capacity	6.9 kWh		10.3 kWh		13.8 kWh		17.2 kWh		20.7 kWh		
DOD	> 90%										
Charge-discharge Rate	0.5 C										
Performance											
Working voltage	Nominal: 437 Vdc, range: 380 Vdc to 550 Vdc, for split-phase system										
Working power	3.2 kW		4.8 kW		6.4 kW		8.1 kW		9.7 kW		
Working current	Max. 28 A										
Interface / Communication											
Status indication	LED indicator										
Interface	RS485										
Compatible inverters	SHP series inverters										
Scalability	Max. 2 systems in parallel operation										
General Parameter											
Operating temp.	-20 °C to +55 °C (de-rated at 45 °C)										
Humidity	5 % to 95 % RH, no condensation										
Operating altitude	≤ 2000 m										
Mechanical											
Enclosure protection	IP55										
Cooling	Natural Convection										
Module dimensions (W x H x D)	Power module : 798 x 335 x 218 mm for 1 pack Battery module: 795 x 193 x 218 mm for 1 pack										
Module weight	Power module : 20 kg for 1 pack Battery module : 29 kg for 1 pack										
Dimensions (W x H x D)	800×767 x 218 mm		800×959 x 218 mm		800×1150 x 218 mm		800×1342 x 218 mm		800×1533 x 218 mm		
Weight	Approx. 80 kg		Approx. 109 kg		Approx. 138 kg		Approx. 167 kg		Approx. 196 kg		
Installation	Floor - mounting										
Compliance											
Standards	Safety: IEC 62619, CNS62619 (on-going) EMC: IEC 61000-6-1/-3 Other: UN38.3+MSDS, Marine Identification Report										

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