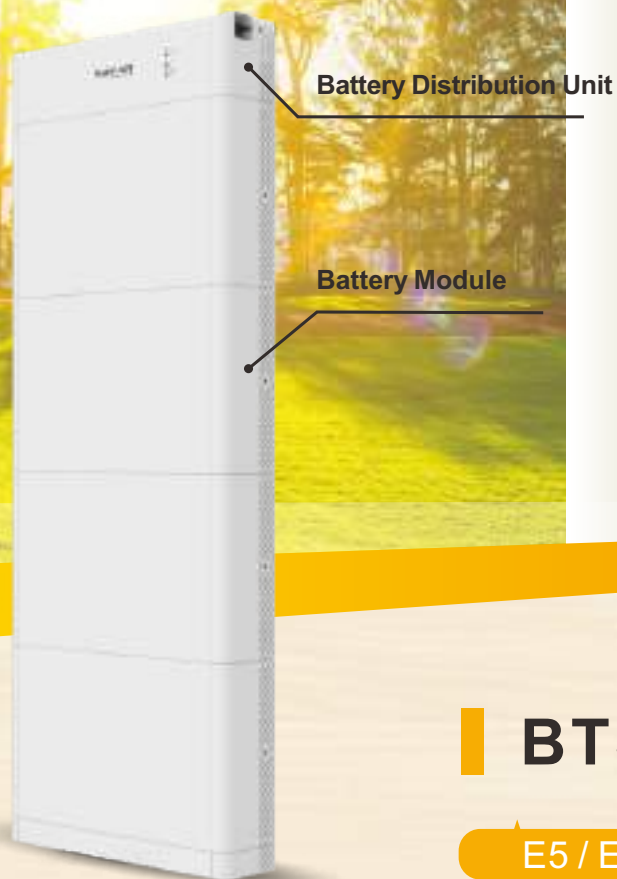


Intelligent Batteries System



BTS E5~20-DS5

E5 / E10 / E15 / E20



Modular and integrated design for easy transportation and installation



More available battery energy with pack optimization



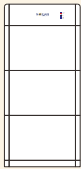
Batteries flexible expansion in stages



Extremely low battery self-consumption in sleep mode



Batteries one-button shutdown

Model	BTS E5-DS5		BTS E10-DS5		BTS E15-DS5		BTS E20-DS5	
System Parameters								
System Schematic								
Battery type	LFP							
Battery distribution unit	BTS 5K-BDU							
Qty.of battery distribution unit	1							
Battery module	BTS 5K							
Qty.of battery modules	1		2		3		4	
Battery total energy [1]	5kWh		10kWh		15kWh		20kWh	
Rated power	2.5kW		5kW		7.5kW		10kW	
Rated voltage	400V							
Voltage range	350V~435V							
Rated charge/ discharge current	7A		14A		21A		28A	
Degree of protection	IP65							
Ambient temperature range	-10℃~+45℃							
Allowable relative humidity range	5%~95%							
Max. operating altitude [2]	4000m							
Weight	59kg		110kg		161kg		212kg	
Dimension (W*D*H)	708*170*680mm		708*170*1100mm		708*170*1520mm		708*170*1940mm	
Installation	Floor stand							
Cooling	Natural							
Display	LED indicator							
Communication	CAN							
Warranty [3]	10 Years							
Compatible inverters	Refer to BTS E5~20-DS5 configuration list							
Battery Module								
Model	BTS 5K							
Battery module energy [1]	5kWh							
Depth of discharge (DOD)	90.0%							
Rated power	2500W							
Dimension (W*D*H)	708*170*420mm							
Weight	50kg							
Battery Distribution Unit								
Model	BTS 5K-BDU							
Max. charge/ discharge current	35A							
Dimension (W*D*H)	708*170*200mm							
Weight	7.5kg							
Standard								
Certificates	UN38.3, IEC62619, IEC62040-1, SAA etc.							

[1] Test conditions:0.2C charge/discharge at 25℃,100%DOD.

[2] If the altitude is > 2000m, derating operation is required, refer to the derating curve.

[3] Conditions apply. Refer to Sofar battery warranty letter.

BTS E5 / E10 / E15 / E20-DS5_EN_202203_V1

[1] Test conditions:0.2C charge/discharge at 25℃,100%DOD.

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BTS E5 / E10 / E15 / E20-DS5_EN_202203_V1

Hybrid Solar System

