



Stack installation,
time and cost-saving



Longer cycle life battery
(6,000 cycles)



Support remote
diagnosis & upgrade



Charge your battery
within one hour



Optional battery
capacity ranges from
5.12-20.48kWh



Perfect match up with
both residential and
commercial inverter



Technical Parameters

Model	STE-BS5*	STE-BS7**	STE-BS10**	STE-BS12**	STE-BS15**	STE-BS17**	STE-BS20**
Nominal Capacity (kWh)	5.12	7.68	10.24	12.8	15.36	17.92	20.48
Nominal Capacity (Ah)	50	50	50	50	50	50	50
Nominal Voltage (V)	102.4	153.6	204.8	256	307.2	358.4	409.6
Maximum Charge/Discharge Current (A)	50	50	50	50	50	50	50
Recommend Continuous Charge/Discharge Current (A)	25	25	25	25	25	25	25
Weight (kg)	78.6	110.9	143.2	175.5	207.8	240.1	272.4
Dimension[W*H*D] (mm)	700*456*315	700*616*315	700*776*315	700*936*315	700*1096*315	700*1256*315	700*1416*315
Protection Degree	IP54						
Cycle Life	6,000 cycles @80% DOD						
Charging Temperature Range (°C) ^①	0~45						
Discharging Temperature Range (°C) ^①	-10~45						
Relative humidity	5%-95% (No condensation)						
Altitude (m)	2000						
Internal Battery Module	STE-M2560-S/STE-P2560-S						
Module Connection	Series / Hard Connection with Positioner						
Installation Method	Stackable						
Module Number	2	3	4	5	6	7	8
Communication Protocol/Connector Type	CAN/RJ45						
Certification	CE/IEC62619/UN38.3						

① Standard operating temperature for batteries is 25°C .

* STH 3~8KTL-HS series suitable battery range from STE-BS5-BS20.

* STH 4~12KTL-HT series suitable battery range from STE-BS7-BS20.

