

• Technical Parameter

BESS 60-126-75				
Battery Parameters				
Battery Module	Voltage	57.6V		
	Capacity	314Ah		
	Energy	18 kWh		
	Cooling method	Dry Self-Cooling		
Battery Cluster	Rated voltage	403V		
	Grouping method	1P126S		
	Rated capacity	314Ah		
	Output voltage range	352.8V~447.3V		
	Rated energy	126.6kWh		
	Maximum continuous charging current	157A		
	Maximum continuous discharge current	157A		
Work Environment	Charging temperature	-30~60℃		
	Discharge temperature	-30~60℃		
	Operating humidity	RH≤80%		
Storage Environment	Short term storage(<1months)	-20~55℃		
	Storage humidity	RH≤80%		
PCS Parameters				
PCS	Rated current	86.6A/91.2A		
	Maximum output current	95.3A/100.3A		
	Overload capacity	110%Long-term		
	Output power	24KW	36KW	60KW
	AC port voltage	2P /N/PE	3P/N/PE、3P/PE	
		120V/240V	208V/220V/240V	380V/400V/415V
	Frequency	50/60Hz±5Hz		
	Power factor	0.8 Lead ~ 0.8 Lay		
Battery side voltage	150V-800V			
Parallel	Parallel	Max 5 PCS		
STS	Switching time	≤10 ms		
PV	Maximum power	38.4KW+38.4KW		
	Maximum voltage PV	850V		
	MPPT voltage range	200V-800V		
	Maximum DC input current	64+64A		
	PV startup voltage	250V		
System Parameters				
System Parameters	Dimension(W*D*H)	1100*1425*2110mm		
	Weight(kg)	1620KGS		
	Degree of protection	IP54		
	Working temperature range	-30~60℃ > 45 (derating)		
	Cooling	Dry Self-Cooling		
	Relative humidity	5~95%(no condensation)		
	Highest altitude	4000m(>2000m derating)		