

STRONG 6-20KVA SPECIFICATION



Model		S6K	S6KS	S10K	S10KS	
Rating		6kVA/5.4kW		10kVA/9kW		
Input	Input system	Single phase & earth ground				
	Rated voltage	230VAC				
	Voltage range	120VAC ~ 275VAC				
	Frequency	50Hz				
	Power factor	0.99				
Output	Output system	Single phase & earth ground				
	Rated voltage	208/220/230/240VAC				
	Power factor	0.9				
	Voltage precision	±1%				
	Output frequency	Normal mode	1. The output frequency synchronizes with the input frequency when the input frequency is in the range of 46Hz ~ 54Hz 2. The output frequency is 50Hz when the input frequency is not in the range of 46Hz ~ 54Hz			
		Battery mode	50 ± 0.2 Hz			
	Inverter overload capability (Utility power, 25°C)		105%<Load≤125% 1min transfer to bypass; 125%<Load<150% 30s transfer to bypass, and switch off output after 1min; Load>150% 0.5s transfer to bypass;			
	Transfer time		0ms			
Crest factor		3:1 (max)				
Battery	Batteries voltage	192VDC				
	Battery capacity X Quantity	12VDC X 16				
	Backup Time (25°C)	6kVA: Full load ≥ 4min (Standard)				
		10kVA: Full load ≥ 3min (Standard)				
Battery charge time	Charger to 90% battery capacity in 7 hours (Standard)					
	Dependent on the capacity of external batteries (Long backup time)					
Mechanical	WxHxD(mm)	(440x130x620)x2	440x130x620	(440x130x620)x2	440x130x620	
	Weight(kg)	65	19	67	21	
Environmental	Ambient temperature	0°C ~ 40°C				
	Environment humidity	20% ~ 90% (No condensation)				
	Altitude	Lower than 1000m: no derating Over 1000m: 1% derating for every 100m rise				
	Storage temperature	-15°C ~ 45°C				