

# BST™

## RESIDENTIAL HYBRID INVERTER



 BST

- Industry leading power density, easy to be installed +
- Support zero-export function, maximizing self-consumption rate +
- Support AC coupling application +
- Supports 1.5x peak power output and can meet the startup requirements of +  
high-power electrical appliances
- Covering multiple power ranges from 3.6kW to 10kW to meet the +  
power needs of different users
- Supports up to 6 parallel connections, and +  
the power can reach 60kW
- Support BST cloud for remote monitoring +

**EF-S**  
GRID-TIED



Read More

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## SPECIFICATION ▼

	Model	EF-S3.6F	EF-S5F	EF-S10F	
<b>PV INPUT</b>	Max. MPPT Power	7.2kW	9kW	15kW	
	Max. PV Input Voltage	500V			
	MPPT Voltage Range	120V~450V			
	MPPT Max. Input Current	20A/20A			
	No. Of MPPT Trackers	2			
<b>GRID INPUT AND OUTPUT</b>	Grid Connection	Single Phase, L+N+PE			
	Nominal AC Output Power	3.6kW	5kW	10kW	
	Rated AC Voltage	220V/230V			
	Rated Grid Frequency	50/60Hz			
	Power Factor	>0.99@Rated Power (Adjustable,-0.85 ~+0.85)			
	THDI	< 3%			
	Nominal AC Input Power	3600VA	5000VA	10000VA	
	Max. Bypass Current	32A	32A	63A	
	<b>BACK UP OUTPUT</b>	Nominal AC Output Power	3600VA	5000VA	10000VA
		Rated AC Voltage	220V/230V		
Nominal Output Frequency		50/60Hz			
Max. Overload Power (1min)		4320VA	6000VA	12000VA	
Max. Peak Power (5s)		7200VA	10000VA	15000VA	
Transfer Time		< 10ms			
<b>BATTERY INPUT</b>	Battery Nominal Voltage	48V/51.2V			
	Operation Voltage Range	40V~60V			
	Max. Charge/ Discharge Current	80A/100A	100A/125A	200A/250A	
<b>GENERAL PARAMETER</b>	Max. Efficiency	≥97.5%			
	Dimensions	320 × 450 × 130mm	320 × 450 × 130mm	420 × 560 × 140mm	
	Weight	11kg	13kg	22kg	
	Ingress Protection Degree	IP54			
	Operation Altitude	No Derating < 2000m			
	Certification	CE, IEC62109, VDE4105, EN50549, G99, G100, RD413, RD647, UNE217001, UNE217002,			