

BST

SINGLE PHASE HYBRID INVERTER



EF-F5S-EU

EF S

- + Advanced power density
- + Wide PV input voltage range
- + Natural cooling and IP65 design
- + Support multiple parallel topologies
- + Remote monitoring function



Read More

BST POWER (SHENZHEN) LIMITED

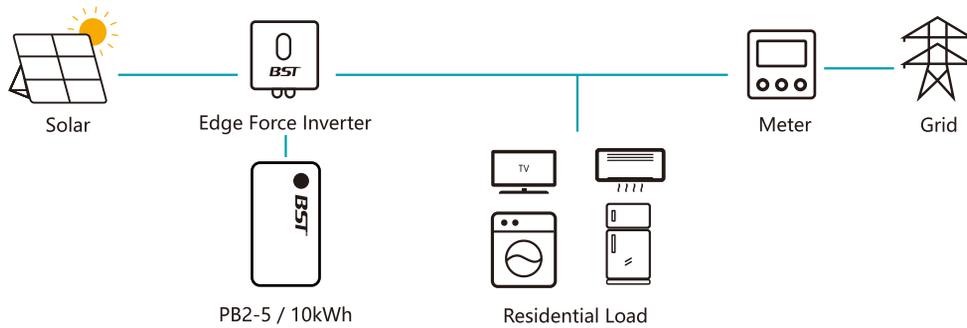
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SINGLE PHASE HYBRID INVERTER



Model	EF-F5S-EU
Input (PV)	
Max. PV Power	9kW
Max. MPPT voltage	550V
MPPT Max. input current	15A
No. of MPPT trackers	2
Output (Grid)	
Nominal AC output power	5000W
Max. AC output current	25A
Rated AC voltage	230V, L+N+PE
Rated grid frequency	50/60Hz
Power factor	> 0.99 @rated power (Adjustable 0.8 LD – 0.8 LG)
THDI	< 3%(Rated Power)
Grid connection	single phase
Battery data	
Nominal battery voltage	48V
Compatible battery type	Lithium-ion / Lead-acid
Communication	CAN / RS485
Battery voltage range	40-65V
Max. charge/discharge current	120 / 120A
Output (Back up)	
Nominal AC output power	5000W
Max. AC output current	21.7A
Rated AC voltage	230V, L+N+PE
Nominal output frequency	50 / 60Hz
Transfer time	10ms(typ) / 20ms(max)
General parameter	
Weight	25kg
Max. efficiency PV	≥96.6%
Max. efficiency Battery	≥94.2%
Dimensions W *D *H	515mm*485mm*175mm
Ingress protection degree	IP65
Operation altitude	< 4000m
Certification	IEC 62109-1&2, IEC 62477-1
Grid Standards	VDE-AR-N4105, IEC 61727 / 62116, AS 4777.2, EN 50549-1, C10 / 11, G99,G100, CEI 0-21, NRS 097-2-1, RD 1699 / 661 / 413