

BST™

THREE PHASE HYBRID INVERTER



EF-F8T-EU / EF-F10T-EU / EF-F12T-EU

EF T

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



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BST POWER (SHENZHEN) LIMITED

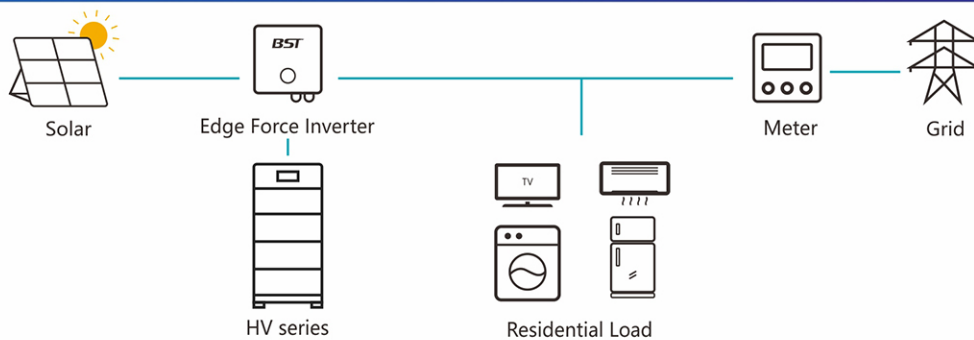
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THREE PHASE HYBRID INVERTER



Model	EF-F8T-EU	EF-F10T-EU	EF-F12T-EU
Input (PV)			
Max. PV Power	12kW	15kW	18kW
MPPT voltage	1000V		
MPPT Max. input current	16A		
No. of MPPT trackers	2		
Output (Grid)			
Nominal AC output power	8000W	10000W	12000W
Max. AC output current	25A	31.8A	38.1A
Rated AC voltage	380V / 400V, 3W+N+PE		
Rated grid frequency	50/60Hz		
Power factor	> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)		
THDI	< 2%(Rated Power)		
Grid connection	Three phase		
Battery data			
Battery voltage range	125~600V		
Work voltage range	150~550V		
Compatible battery type	Lithium-ion / Lead-acid		
Communication	CAN / RS485		
Max. charge/discharge current	50 / 50A		
Output (Back up)			
Nominal AC output power	8000W	10000W	12000W
Max. AC output current	11.5A	14.4A	17.3A
Rated AC voltage	400V, 3W+N+PE		
Nominal output frequency	50 / 60Hz		
THDI	< 2%(Rated Power)		
General parameter			
Weight	30kg	31kg	32kg
Max. efficiency	97.9%	98.2%	98.2%
Max. Europe efficiency	97.2%	97.5%	97.5%
Dimensions W *D *H	530*560*220mm		
Ingress protection degree	IP65		
Operation altitude	< 4000m		
Certification	IEC / EN62109-1:2010, IEC / EN62109-2:2011		
Grid Standards	EN 50549-1, EN50549-1, VDE-AR-N 4105, G99, UNE217001, IEC61727:2004 / IEC62116:2014 / IEC61683:1999, EN50549-1		