



THS3P-EU Series

- Hybrid Solar Inverter Three Phase

Product Highlights:

- Max Input Current Upgraded to 36A
- Off-grid Peak Overload 200% for 15s
- Support multi-machine parallel connection
- PV Over-sizing Ratio of 200%, Allows More Modules to Ensure Off-grid Applications and Full Battery Charging
- Compatible with Module-level 18A, Suited for Mainstream High-current Modules on the Market



5-12KW



TEEMWAY GROUP LIMITED

Specification

Model	THS-5KS48P3	THS-6KS48P3	THS-7KS48P3	THS-8KS48P3	THS-10KS48P3	THS-12KS48P3
Battery Input						
Battery Type	Lithium or lead acid battery					
Rated Battery Voltage	48V					
Max. Charging Voltage	≤60 Configurable					
Max. Charge / Discharge Current	120A	125A	150A	190A	210A	250A
PV Input						
Max. DC Input Power	10KW	12KW	14KW	16KW	20KW	24KW
Max. DC Input Voltage	1000V					
MPPT Operating Voltage Range	200~800V					
Starting Voltage	150V					
Max. Input Current	18A	18A	18A	18A/18A	36A/18A	36A/18A
MPPT Number	1	1	1	2	2	2
AC Output Parameters-On Grid						
Max. Output Apparent Power	5500VA	6600VA	7700VA	8800VA	11000VA	13200VA
Rated Output Voltage	380/400V					
Rated Output Frequency	50/60Hz					
Max. Output Current	8.3A	10A	11.6A	13.3A	16.7A	20A
Output Power Factor	~1 (-0.8 leading ~ +0.8 lagging)					
AC Output Parameters-Off Grid						
Rated Output Apparent Power	5000VA	6000VA	7000VA	8000VA	10000VA	12000VA
Max. Output Apparent Power	>200%,15s'					
Rated Output Voltage	380/400					
Rated Output Frequency	50/60Hz					
Max. Output Current	8.3A	10A	11.6A	13.3A	16.7A	20A
Efficiency						
Max. Efficiency PV	98.1%					
Max. Efficiency Cell	94.5%					
Europe Efficiency	97.5%					
Protection						
PV Input Reverse Polarity Protection	YES					
PV Insulation Resistance Detection	YES					
Residual Current Detection	YES					
Output Short Circuit Protection	YES					
Output Over Voltage Protection	YES					
Basic Data						
Operation Temperature	-25 ~ 60℃					
Storage Temperature	-30~65℃					
Relative Humidity	0~95%					
Working Altitude	≤4000m					
Cooling	Air Cooling					
Noise	<55dB					
Weight	38KG					
Size	475*683*256mm					
Protection Class	IP66					
Topology	HF isolation					