



HYBRID SOLAR INVERTER TD

4000VA~11000VA

FEATURES



- Ip54 protection level, waterproof, dust proof, salt spray proof, corrosion proof
- Supports CE certification, complies with EU standards
- Up to 11 units parallel connection
- Off-grid and on-grid dual Mode functionality, allowing PV power generation to be fed into the Grid, Saving Electricity Bills
- Displays 6 core parameters real time in LCD (PV input/grid status/ load power/conversion efficiency/temperature/operation mode)
- Support Wi-Fi function to check power generation and grid feeding status

APPLICATION



Commercial car park



Street lighting/monitoring



Hospitals/Robots



office

Model		TD4024SMH	TD6248SMH	TD11048SMH
Input Formation		L+N+PE		
AC Input		220/230/240VAC		
Input Voltage Range		90-280VAC±3V(Normal Mode) 170-280VAC±3V (UPS Mode)		
Frequency		50/60Hz(Adaptive)		
Rated Power		4000W	6200W	11000W
Dual Output Power		4500W	6500W	15000W
Output Voltage(AC)		220/230/240VAC±5%		
Output Frequency		50/60Hz±0.1%		
Output Wave		Pure Sine Wave		
Transfer Time(Adjustable)		10ms for Computer Equipment, 20ms for Household Equipment		
Peak Power		8000VA	12400VA	22000VA
Overload Ability		Battery Mode: 11s@105%~150% Load; 2s@150%~200% Load; 400ms@>200% Load		
Grid connected Operation	Output Voltage	220/230/240VAC		
	Grid Voltage Range	170-265VAC		
	Grid Frequency Range	49-51±1Hz/59-61±1Hz		
	Output Current	17.4A	26.9A	47.8A
	Power Factor Range	>0.99		
	Max efficiency (DC/AC)	>98%		
Rated Voltage		24VDC	48VDC	48VDC
Constant Charging Voltage		28.2VDC	56.4Vdc	56.4Vdc
Float Charging Voltage		27VDC	54VDC	54VDC
PV Charging Method		MPPT	MPPT	2*MPPT
Max PV Input Power		6500W	8500W	2*7500W
PV Input Voltage Range		60~500VDC	60~500VDC	90~500VDC
MAX PV Input Voltage		500VDC	500VDC	500VDC
MAX PV Input Current		27A	27A	27A/27A
MAX PV Charge Current		120A	120A	150A
MAX AC Charge Current		100A	100A	150A
MAX Charge Current		120A	120A	150A
LCD		Can display operating mode/load/input/output		
RS232		5PIN/Pitch2.54mm,Baud Rate 2400		
Expansion Slot Communication Interface		Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm		
Parallel Interface		Not Support Parallel	Support Parallel	
Operating Temperature		0℃~40℃		
Storage Temperature		-15℃~60℃		
Ork Altitude		No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer		
Operating Environment Humidity		20%~95% Non Condensing		
Noise		<50dB		
Protection level		IP54		