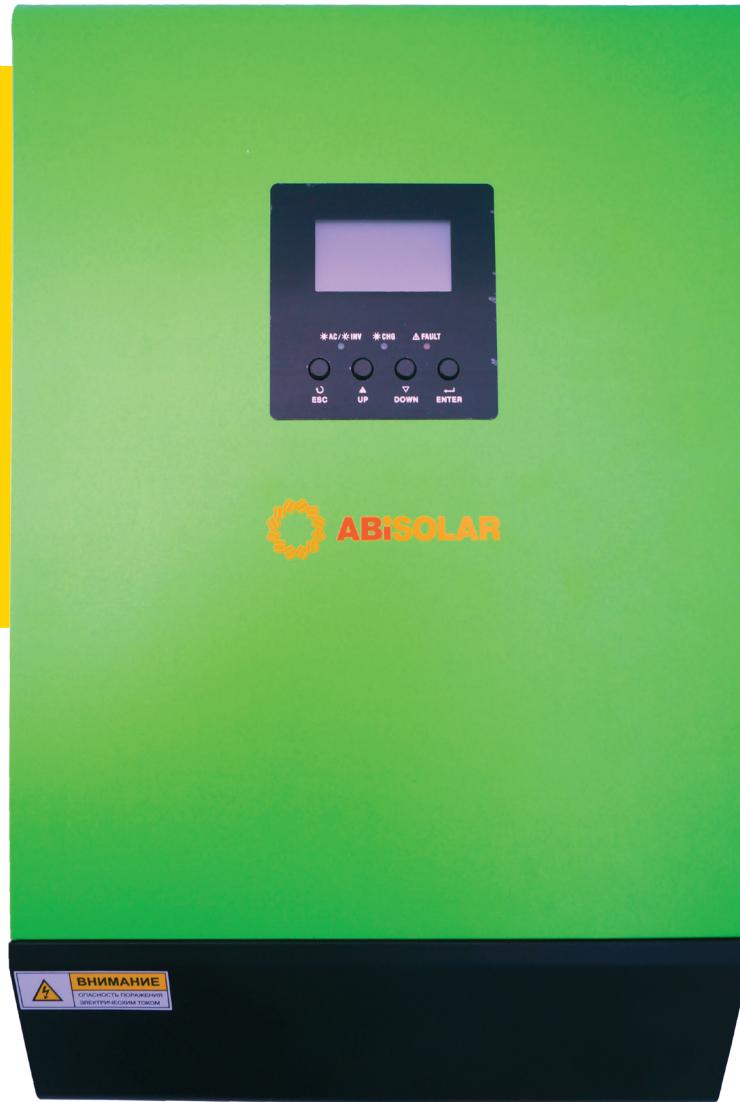


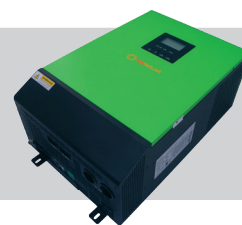
Stand-alone inverters with on-grid compatibility

series **HT-P** / 1 kW – 5 kW



FEATURES

- Simultaneous work in off/on-grid modes,
- Pure Sine Wave,
- Built-in protection against overloads and short circuits,
- 1 or 2 built-in MPPT controllers,
- Efficiency up to 93%,
- Monitoring and configuring from LCD display or PC via USB, RS232/Dry-Contact.



ABi-Solar® HTP series of PV inverters is able either to store solar electric energy by charging batteries, or operate on-grid for FIT. HTP inverters are equipped with one or two embedded MPPT charge controllers. Built-in LCD display allows to control and manage main PV plant settings. Energy conversion efficiency reaches 93%.

MODEL	HT-P 1K-12	HT-P 2K-24	HT-P 3K-48	HT-P 4K-48	HT-P 5K-48
PV maximum power	1000 W	2000 W	4000 W	4000 W	6000 W
Rated power	1000 W	2000 W	3000 W	4000 W	5000 W
PV maximum voltage	145 V				
MPP operating range	15 ~115 V	30 ~115 V	60 ~115 V		
Quantity of controllers	1	1	1	1	2
ON-GRID MODE					
Output					
Rated voltage	220/230/240 V				
Operating voltage range	184-264.5 V				
Rated current	4.3 A	8.7 A	13 A	17.4 A	21.7 A
Power factor	> 0.99				
AC/DC conversion maximum efficiency	90%				
OFF-GRID AND HYBRID MODE					
Input					
Operating voltage	90 - 280 / 170 - 280 V				
Frequency	50 Hz/60 Hz (autoselect)				
Maximum input current	30A		40A		
OFF-GRID MODE					
Rated output voltage	220/230/240 VAC				
Sinewave	Pure				
AC/DC conversion maximum efficiency	93%				
CHARGER					
Rated voltage	12 V	24 V	48 V	48 V	48 V
DC maximum charge current from PV	80 A	80 A	80 A	80 A	120 A
AC maximum charge current	60 A				
Total maximum charge current	140 A	140 A	140 A	140 A	180 A
PHYSICAL PARAMETERS					
Dimensions (AxBxC)	100x300x440 mm		120x295x468 mm		190x295x483
Weight	8 kg		11kg		16 kg
INTERFACE					
Parallel connection capability	no			yes	
Communication ports	USB, RS232/Dry-Contact				
OPERATING ENVIRONMENT					
Humidity	0~90% (non-condensing)				
Operating temperature	0 ... 50 °C				

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