



Fully automated DC to AC pure sine wave converter

# BPS

Borik PLUS Solar systems

## Power inverter 12V 300W

### SPECIFICATIONS-300W

Model	<b>BPS 12-300W S</b>		
Output Waveform	Pure Sine Wave (THD<3%)		
Continuous Power	300W		
Maximum Constant Power Start	360W continue 10s (the buzzer alarm sharply, and the unit will automatically shutdown after 10s.)		
Peak Power	600W		
Efficiency	up to 92%		
Input Voltage	12V		
Output Voltage	230V		
Frequency	50Hz		
No Load Current Draws	< 5W (0.4A/12V)		
Dimensions(L*W*H)	215*120*52mm		
Weight	0.96 ± 0.2kgs		
Protection Function	Low voltage shutdown	Buzzer sounds 3times and Fault light turns red	
	Over input voltage protection	Buzzer sounds 4times and Fault light turns red	
	Over temperature protection	Buzzer sounds 5times and Fault light turns red	
	Over load protection	120% load: Buzzer sounds continuously, inverter will shutdown after 5S, and then restarts automatically after another 5S' waiting. (continuous loop)	
		150% load: Buzzer sounds 2times and Fault light blinks.	
	Short circuit protection	Recover automatically	
	Reverse polarity protection	Built- in fuse or Built-out fuse	
LED Indicator Light	Green LED for power on		
	Red LED for fault status		
Fuse	Internal		
Battery type	Open & Sealed Lead Acid		
USB port	5V,500mA		
Application	Automobiles, RVs, boats, tractors, turcks, laptops, TV sets, video games, Cdplayers, DVD players, power tool, office equipment, major household appliances, etc.		
Environment	Operating temperature	0°C--40°C @ 100% load; ≥ +60°C @ 50% load	
	Operating relative humidity	20%--90% RH non-condensing	
	Storage temperature	-30°C--+70°C	
	Cooling Fan automatically run	inner temperature rising up is ≥45°C	
Accessories	one pair of 70CM battery cables		
	1 x instruction manual		
	1 x Replaceable fuse		
Certificate	CE,FCC and RoHS approved		
Remarks			