



FEATURES

1. Efficiency is up to 90%.
2. Digital display to show the real-time running data.
3. Intelligent speed-regulating fan: Operating speed is adjusted according to the loads and temperature.
4. Multiple safe protection: Input undervoltage protection/ Input overvoltage protection/Overload protection/Over temperature protection/Short circuit protection.
5. Universal socket, suitable for many kinds of plug.
6. Extensive applications: Vehicles , Home appliances, Office and portable equipments, etc.



Technical Parameter

FPC-series

MODEL	FPC-300AL	FPC-500AL	FPC-500BL	FPC-1000AP	FPC-1500AP	FPC-2000AP	FPC-2000BP
Dc Input							
Applicable Battery Voltage	12VDC	12VDC	24VDC	12VDC	12VDC	12VDC	24VDC
Rated Current	32A	50A	25A	100A	150A	200A	100A
No-load Current	<800mA	<800mA	<500mA	<1000mA	<1000mA	<1300mA	<700mA
Efficiency	>89%	>89%	>91%	>90%	>90%	>88%	>88%
Battery Type	Lead-acid Battery						
AC Output							
Rated Power	300W	500W	500W	1000W	1200W	2000W	2000W
AC Voltage	220V ± 5%						
Frequency	50Hz/60Hz						
Waveform	Pure Sine Wave						
Input Protection							
Low Voltage Alarm	10-10.5V	10-10.5V	20-21V	10-10.5V	10-10.5V	10-10.5V	20-21V
Battery Under Voltage Shutdown	9.5-10V	9.5-10V	19-20V	9.5-10V	9.5-10V	9.5-10V	19-20V
Battery Low Voltage Recovery	11.5-12V	11.5-12V	23-24V	11.5-12V	11.5-12V	11.5-12V	23-24V
Battery Over Voltage Protection	15-15.5V	15-15.5V	30-31V	15-15.5V	15-15.5V	15-15.5V	30-31V
Battery Over Voltage Recovery	14-14.5V	14-14.5V	28-29V	14-14.5V	14-14.5V	14-14.5V	28-29V
Reverse Connection Protection	YES	YES	YES	N/A	N/A	N/A	N/A
Output Protection							
Output Short	Turn off output and resume after restart						
Overload protection	Automatically recovering after 2S, after 3 times failing recover, the output will be protect and locked ,and recover after restart.						
Over Temperature	Turn off the output when the internal temperature is higher than 85 °C, and automatically resume the output when it is lower than 70 °C.						
Environment							
Working Environment Temperature	-30℃ ~ +45℃						
Working Humidity	20%~95%RH						
Storage Temperature/Humidity	-40~85℃,10~90%RH						