



For Applications

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PXFVS SERIES

300W ~ 6000W
PURE SINE WAVE
DC TO AC INVERTER



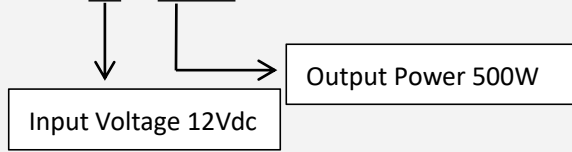
Why PXFVS DC To AC Inverter?

PX Electronics PXFVS series Dc to AC Inverter are easy-to-use solutions for delivering AC power from batteries or other DC source like solar power source and wind power source. Input DC voltage can be 12V//24V/48V/60V/72Vdc. It provides pure sine wave output which is ideal for variety of load types such as inductive load, capacitive load, resistive load, mixed load etc.

PXFVS has perfect protection such as input over voltage, under voltage, overload, overheat, and output short circuit. These protections make them totally safe and reliable for user.

Model Selection Of PX EElectronics PXFVS DC TO AC Inverter Is Shown Below

PXFVS - 12--- 500W



Technical Specification

Model(PXFVS-24-	300W	600W	1000W	1500W	2000W
Output Power	300W	600W	1000W	1500W	2000W
Display	LED	LCD			
Input voltage	12V/24V/48V/60V/72Vdc				
Input range	12Vdc(10-15),24Vdc(20-30),48Vdc(40-60),60Vdc(50-75),72Vdc(60-90)				
Undervoltage protection	12V(10.0V±0.3),24V(20.0V±0.3),48V(40.0V±0.3),60V(50.0V±0.3),72V(60.0V±0.3)				
Over voltage protection	12V(15.0V±0.3),24V(30.0V±0.3),48V(60.0V±0.3),60V(75.0V±0.3),72V(90.0V±0.3)				
Recovery voltage	12V(12.8V±0.3),24V(25.6V±0.3),48V(51.0V±0.3),60V(65.0V±0.3),72V(78.0V±0.3)				
No-load current	0.35A	0.50A	0.60A	0.60A	0.70A
Overload protection	≤130%				
Output voltage	110Vac±10% or 220Vac±10%				
Output frequency	50Hz±1Hz or 60Hz±1Hz				
Output waveform	Pure sine wave				
Overheating protection	80°±5°				
Waveform THD	≤3%THD				
Conversion efficiency	90%				
Cooling method	Fan cooling				
Dimensions	183*110*60mm	228*173*76mm	300*173*76mm	360*173*76mm	
Product weight	1.0kg	2.0kg	3.0kg	3.5kg	4.0kg

PXFVS SERIES - 300W ~ 6000W

Model(PXFVS-48-	2500W	3000W	4000W	5000W	6000W
Output Power	2500W	3000W	4000W	5000W	6000W
Display method	LCD				
Input voltage	12V/24V/48V/60V/72Vdc			24V/48V/60V/72Vdc	
Input range	12Vdc(10-15),24Vdc(20-30),48Vdc(40-60),60Vdc(50-75),72Vdc(60-90)				
Under voltage protection	12V(10.0V±0.3),24V(20.0V±0.3),48V(40.0V±0.3),60V(50.0V±0.3),72V(60.0V±0.3)				
Over voltage protection	12V(15.0V±0.3),24V(30.0V±0.3),48V(60.0V±0.3),60V(75.0V±0.3),72V(90.0V±0.3)				
Recovery voltage	12V(12.8V±0.3),24V(25.6V±0.3),48V(51.0V±0.3),60V(65.0V±0.3),72V(78.0V±0.3)				
No-load current	0.80A	1.2A	1.2A	0.8A	0.8A
Overload protection	≤130%				
Output voltage	110Vac±10% or 220Vac±10%				
Output frequency	50Hz±1Hz or 60Hz±1Hz				
Output waveform	Pure sine wave				
Overheating protection	80°±5°				
Waveform THD	≤3%THD				
Conversion efficiency	90%				
Cooling method	Fan cooling				
Dimensions	360*173*76mm	400*242*88mm		420*242*88mm	
Product weight	4.0kg	7.5kg	8.0kg	9.0kg	10.0kg