

MODEL: PPG-PM300-P



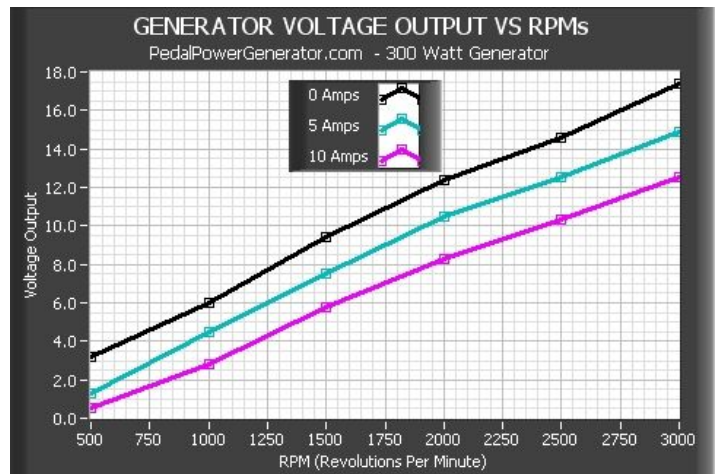
The PPG-D300R generator dynamo is a robust ball bearing generator with a sturdy mounting bracket. Ventilation holes have been cut into the face of the generator to provide adequate ventilation. Ball bearings are used on the shaft for excellent radial load performance. This generator can also be used as a motor. It has 0.4 horsepower capability.

GENERATOR OUTPUT VOLTAGE CURVE vs. RPMs

This chart shows Voltage output with respect to revolutions per minute speed. The data was collected under 3 test conditions:

- No load
- 5 Amps
- 10 Amps

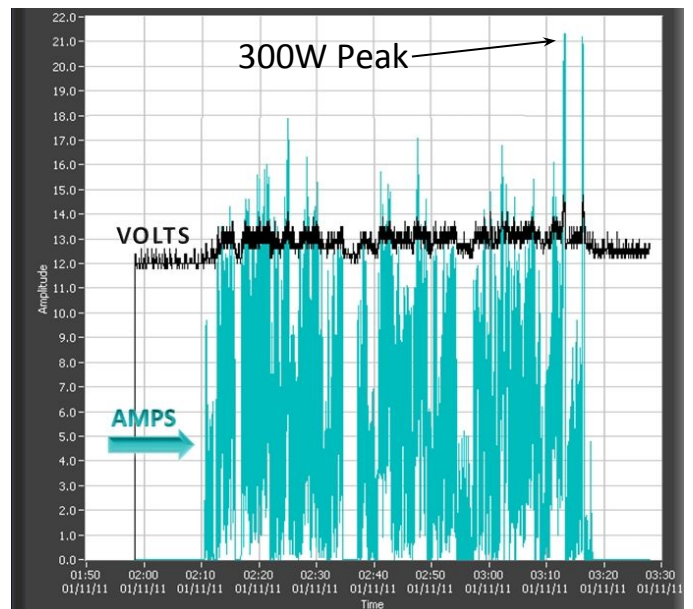
For example at 2500 RPM the chart indicates the generator reached a potential of 14V DC.



SPECIFICATIONS

Output Voltage Range	0 to 40V DC
Peak Wattage Output	300W (15V @20A)
Max recommended R.P.M.	2800
Pulley diameter	2"
Shaft bearing type	Sealed ball bearing
Armature style	4 Pole Brushed
Mounting holes	Qty 4
Mounting hole thread size	6mm thread
Weight	8 Lbs
Internal resistance	0.35 Ω
Cable length	12 Inches
Generator wire size	12 AWG

1 Hour Test Charging 12VBattery Power Pack With Bicycle





Battery Charging

Below is the recommended configuration used for charging 12V or 24V lead acid batteries. Note - lithium batteries must be charged carefully with a temperature monitor to make sure they do not over heat and explode. That is why lead acid batteries are the preferred type of batteries to use with this generator.

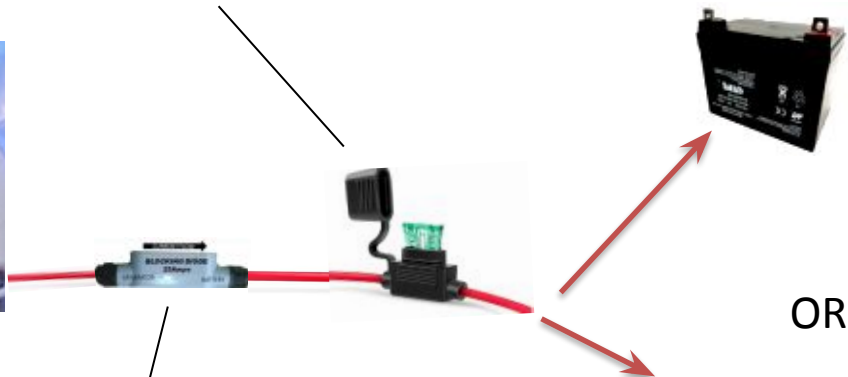
12V BATTERY CHARGING

Bike Generator



15 Amp Fuse
<https://amzn.to/2mUtvbR>

12V Battery
<https://amzn.to/2InDeH4>



Blocking Diode
<https://amzn.to/2lsvWly>

OR

12V Power Pack



<https://amzn.to/2mUhmDM>