

SPECIFICATIONS

Model	AC output power	Phases	AC Voltage	Welding current	Engine HP required
Power-Tek-W	2 kW	1 or 3	115V/230V/380V	175A DC	11 HP
Power-Tek-W	3 kW	1 or 3	115V/230V/380V	225A DC	14 HP
Power-Tek-W	5 kW	1 or 3	115V/230V/380V	325A DC	18 HP
Power-Tek-W	7 kW	1 or 3	115V/230V/380V	350A DC	22HP

OTHER RELATED POWER ELECTRONICS PRODUCTS.

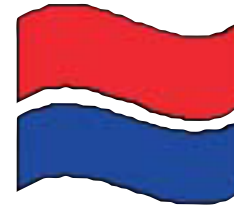
- Unipower** Multifunction – Vehicle mount, Welder/Generator/Boost –Charger/Heavy Duty Alternator, Available in 3kW, AC 230V, and DC welding up to 225A DC
- Power- 3 Phase** 3 Phase Generator Only units A range of PWM generators powered by dedicated alternators from 2-8kW. Available in 110, 220 and 380V models - Only 3 Phase
- Power-Charge** A range of high charge alternators and regulators from 100-250A. Available in 12 and 24V versions
- Power-Moto** A range of Battery Management Systems for equalization of charge for dual or multiple batteries
- Power-Vert** A range of Inverters with Sine wave or Modified Sinewave outputs
- Power-Solar** A Range of Photovoltaic components, Panels & regulators

DEALER STAMP

WARRANTY

12 Month replacement warranty on all parts. Any parts which prove to defective within 12 months from date of purchase, will be replaced (Ex factory) FREE OF CHARGE

This warranty is subject to the terms and conditions detailed in the operation and installation manual of this product.



POWER-TEK-W

THE TRUE SINEWAVE VEHICLE-MOUNTED GENERATOR UNIT WITH BATTERY BOOST CHARGING AND WELDING



THE BETTER SOLUTION TO YOUR MOBILE POWER PROBLEMS

LIGHTWEIGHT

COMPACT

QUIET

VERSATILE

AC output power centre tapped to earth

Another product from: Power Electronics (Pty)Ltd



www.powerelectronics.biz

APPLICATIONS

Service vehicle



Fire engine



Lift



Motor home



- ▶ Emergency vehicles
- ▶ Fire trucks
- ▶ Ambulances
- ▶ Air compressors
- ▶ Scissor lifts
- ▶ Telescopic lifts
- ▶ Mobile homes
- ▶ Defence vehicles
- ▶ Building equipment
- ▶ Luxury buses
- ▶ Liquid transportation
- ▶ Patrol boats
- ▶ Sailing boats
- ▶ Tool Vans
- ▶ Hazmat Vehicles
- ▶ Trawlers
- ▶ Railway Maintenance units
- ▶ Earthmoving equipment
- ▶ Motor Boats
- ▶ Pipe-layers
- ▶ Service vehicles
- ▶ Mobile Training Vehicles
- ▶ Mobile Displays

Application
<ul style="list-style-type: none"> • 12V or 24V battery boost charging facility • Full welding current regulation • AC output is centre tapped to earth • Sound wave distortion below 3%

ADVANTAGES OF EMPLOYING THE POWER-TEK-W SYSTEM

FEATURES:

- ▶ Regulated battery boost charging for 12v and 24v system
- ▶ Welding regulated
- ▶ Can be used while the vehicle is in motion
- ▶ Easier to install
- ▶ More Versatile
- ▶ Output power-true Sinewave
- ▶ Output frequency independent of vehicle RPM
- ▶ Microprocessor driven
- ▶ Self diagnostic system software
- ▶ CE and TUV approved
- ▶ No exhaust ducting required
- ▶ Healthier interior working environment

OPTIONS:

- ▶ Also available in Single or 3 Phase Voltage
- ▶ Frequency Factory set to 50Hz or 60Hz (1%)
- ▶ Voltages available — 115V, 230V and 380V
- ▶ Welding rating up to 300ADC
- ▶ Supplied with optional Power distribution box



Mounted in lift



Mounted in fire truck



Portable lift

<p>Power-Tek-W systems can be installed on 12V or 24V, Petrol or Diesel vehicle systems</p> <p>Power-Tek-W is tailored to suit market requirements</p> <p>Power-Tek-W is distributed by a network of international dealers, each trained to offer technical support</p>
