

# SPECIFICATIONS

Model	AC output power	Phases	AC Voltage	Alternators	Engine HP required
Power-Tek-M3	3 kW	1 or 3	115V/230V/380V	1	11HP
Power-Tek-M4	4 kW	1 or 3		1	13HP
Power-Tek-M5	5 kW	1 or 3		1 or 2	22HP
Power-Tek-M6	6 kW	1 or 3		1 or 2	24HP
Power-Tek-M7	7 kW	1 or 3		1 or 2	26HP
Power-Tek-M8	8 kW	1 or 3		1 or 2	28HP
Power-Tek-M9	9 kW	1 or 3		2	32HP
Power-Tek-M10	10 kW	1 or 3		2	38HP
Power-Tek-M12	12 kW	1 or 3		2	43HP
Power-Tek-M15	15 kW	1 or 3		2	47HP

## OTHER RELATED POWER ELECTRONICS PRODUCTS.

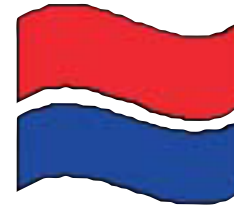
- Unipower** Multifunction – Vehicle mount, Welder/Generator/Boost –Charger/Heavy Duty Alternator, Available in 3kW, AC 230V, and DC welding up to 225A DC
- Power-Tek** 3 Phase Generator Only units A range of PWM generators powered by dedicated alternators from 2-8kW. Available in 110, 220 and 380V models - 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-M

*Marine application*

THE TRUE SINEWAVE ENGINE-MOUNTED GENERATOR UNIT WITH OPTION OF 1 OR 2 ALTERNATOR SYSTEMS



THE BETTER SOLUTION TO YOUR MOBILE POWER PROBLEMS

LIGHTWEIGHT

COMPACT

QUIET

VERSATILE

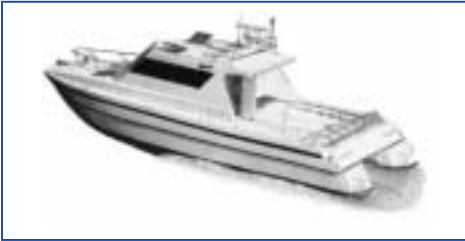
AC output power centre tapped to earth

Another product from: **Power Electronics (Pty)Ltd**



[www.powerelectronics.biz](http://www.powerelectronics.biz)

# APPLICATIONS



## Power-Tek-M

- ▶ Adaptable applications of 1 or 2 alternators
- ▶ Various combinations possible

## Application for:

- ▶ Patrol boats
- ▶ Sailing boats
- ▶ Trawlers
- ▶ Motor Boats
- ▶ etc

## KIT COMPRISES OF:

- ▶ Control Module
- ▶ 1 or 2 alternators
- ▶ Installation manual
- ▶ 6m remote cable
- ▶ Remote box

# ADVANTAGES OF EMPLOYING THE POWER-TEK-M SYSTEM

## FEATURES:

- ▶ Takes up less space
- ▶ Weighs much less
- ▶ Employs same fuel as Host engine
- ▶ Quieter to operate
- ▶ Can be "tuned" to suit various applications
- ▶ Can be operated by a remote controller
- ▶ Can be used while the engine is in motion
- ▶ Easier to install
- ▶ More Versatile
- ▶ Output power-true Sinewave
- ▶ Output frequency independent of engine RPM
- ▶ Microprocessor driven
- ▶ Self diagnostic system software
- ▶ CE and TUV approved

## OPTIONS:

- ▶ Also available in Single or 3 Phase Voltage
- ▶ Frequency Factory set to 50Hz or 60Hz
- ▶ Voltages available — 115V, 230V and 380V
- ▶ Supplied with optional Power distribution box

## RATINGS:

- ▶ Available from 3-12 KW



Power-Tek-M systems can be installed on 12V or 24V, Petrol or Diesel systems

Power-Tek-M is tailored to suit market requirements

Power-Tek-M is distributed by a network of international dealers, each trained to offer technical support