MICRO POWER INVERTER
(APLS-MPR Series)

General Description

The APLS-MPR Micro Power Inverter employs high frequency pulse-width modulation (PWM) technology and uses the latest available field-effect devices (FET). Advanced system design allows the inverter to operate with high efficiency and to run extremely quite. The use of toroidal iron cores and ferrite magnetic cores give the equipment robust quality.

Each unit is fitted with colour coded battery leads, two AC output sockets at the front and an output terminal block at the rear. DC and AC circuit breakers are also fitted at the front panel for easy access.

The inverter is housed in an epoxy-coated enclosure with aluminium heat sink at the rear and removable access panel above. The enclosure is specifically designed to be dust and vermin proof, whilst providing adequate heat dissipation.

All functions of the Micro Power Inverter are microprocessor controlled by a state of the art DSP (Digital Signal Processor) Control Module. Working parameters and settings are displayed on a large LCD display, and there is no need for any additional metering or display device. Critical settings such as battery and load management are fully programmable from the front panel mounted keypad.

Picture:

Micro Power Inverter
Model APLS-MPR-6000-48

(48Vdc/230Vac/6kVA)

APLS-MPR Series range from 3kVA -18kVA
Single Phase and Three Phase

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