

# **MATRIX POWER TECH SYSTEM**

## **Multi Functional Double Conversion LCD On-Line UPS**

- ✓ *True on-line technology provides all power protection.*
- ✓ *Pure sine-wave output with less than 3% THD.*
- ✓ *Fully digitized microprocessor controlled.*
- ✓ *Cold start function (DC power on)*
- ✓ *Lightning and surge protection.*
- ✓ *Short Circuit and overload protection.*
- ✓ *Advanced battery management (ABM)*
- ✓ *Automatic battery charge in UPS off mode.*
- ✓ *Battery replacement warning.*
- ✓ *Automatic diagnostics & battery check.*
- ✓ *Schedule shutdown & reboot.*
- ✓ *Load segmentation receptacles controllable.*
- ✓ *Fan speed auto control when loads varies.*
- ✓ *Network/fax/modem surge protection.*
- ✓ *History record of power failure events.*
- ✓ *UPSMON plus software monitoring.*
- ✓ *Emergency Power Off function.*
- ✓ *High efficiency mode selectable.*
- ✓ *Battery remains time display.*
- ✓ *Multiple language LCD display.*
- ✓ *On Line output voltage selected.*
- ✓ *LCD display front panel.*
- ✓ *Wide input voltage range.*
- ✓ *Power Factor correction.*
- ✓ *Manual bypass setting.*
- ✓ *Free run mode setting.*
- ✓ *EMI/RFI noise Filter.*
- ✓



# **SPECIFICATIONS**

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✓ <i>Capacity</i>	:	<i>3KVA</i>
✓ <i>Input Voltage</i>	:	<i>170V – 270V</i>
✓ <i>Frequency</i>	:	<i>50/60 Hz ± 0.5%</i>
✓ <i>Output Voltage</i>	:	<i>220/230V ±1%</i>
✓ <i>Transfer Time</i>	:	<i>0 ms</i>
✓ <i>Overload Recovery</i>	:	<i>Auto Transfer to UPS</i>
✓ <i>High Efficiency mode (AC to AC)</i>	:	<i>&gt;95%</i>
✓ <i>UPS Technology</i>	:	<i>On-Line/Fully digitized microprocessor controlled.</i>
✓ <i>Output Wave Form</i>	:	<i>Sinewave</i>
✓ <i>Harmonic Distortion</i>	:	<i>&lt;3% of T.H.D at linear load.</i>
✓ <i>Crest Factor</i>	:	<i>3:1</i>
✓ <i>DC Voltage</i>	:	<i>72V / 96V</i>
✓ <i>Overload</i>	:	<i>125% for 1 minutes and 150% for 10 seconds</i>
✓ <i>Short Circuit Protection</i>	:	<i>UPS output cut off immediately or input fuse / circuit breaker protection.</i>
✓ <i>Visual Display (LCD model)</i>	:	<i>Input/Output voltage, Input/Output frequency, On-line mode, back up mode, Battery capacity, bad level.</i>
✓ <i>Audible Alarm (Battery back-up)</i>	:	<i>Beep every 5 Sec.</i>
✓ <i>UPS Fault</i>	:	<i>Continuous beeping sound and ICD display.</i>
✓ <i>Operating Temperature</i>	:	<i>0-40C</i>
✓ <i>Relative Humidity</i>	:	<i>0-95% humidity, non-condensing</i>