

## MATLA T 1/1 UPS RANGE TECHNICAL SPECIFICATIONS

	6KVA, 8KVA & 10KVA; single phase input & output 230v or as required, 50.0Hz or 60.0Hz	+/- 10% +/- 5%
RECTIFIER	Output voltage adjustment range Output regulation Overload capacity Output ripple content Current walk in Auto boost	+/- 10% +/- 1% 120% continuous <2% 10 seconds to maximum 2.4V/cel adjustable
INVERTER	Output voltage 230 or as required Static regulation 0-100% load Dynamic regulation 100% load-application/removal Transient recovery Loss of AC supply Total harmonic distortion Overload  Frequency stability 50.0Hz or 60.0Hz  Load power factor Efficiency Short circuit proof by electronic limiting with automatic re-start after 10-seconds	+/- 1% +/- 5% 2% within 2 milliseconds +/- 1% <5% typically 3% 110% continuous 125% 5 minutes 200% for 5 cycles  +/-0.1% crystal controlled  0.6 lagging to unity Approx. 90% or better
STATIC SWITCH	Fully automatic transfer/retransfer capacity High/low AC voltage transfer Low AC voltage rejection Overload Frequency tracking & locking range  Transfer time Total detection and transfer time Slew rate Static switch will unlock and free run at 50.0Hz if mains is outside pre-set limits	+/- 10% (adjustable) -20% (adjustable) 1500% for 5 cycles 49Hz-51Hz in 0.25Hz steps  300 micro-seconds 500 micro-seconds 1Hz/second (adjustable)
COMMUNICATION INTERFACE	RS232 Intelligence SNMP interface	Standard On request
DISPLAY	Mimic panel with LCD display	Standard
ENVIRONMENTAL CONDITIONS	Room temperature: Recommended Extreme Humidity: Recommended Extreme (non-condensing)	15 – 25 0 – 40 40% - 60% 0% - 90%
GENERAL	All cabinets epoxy powder coated Cable entry Noise level – Computer room compatible Altitude	RAL7032 Rear 52DbA @ 1m Up to 2000m
UPS DIMENSIONS (cm)	6KVA to 10KVA (C9220)	36 (w) x 63 (d) x 100 (h)
BATTERY CABINET DIMENSIONS	Battery Cabinet C9224 Battery Cabinet 1B	50 (w) x 73 (d) x 79 (h) 80 (w) x 55 (d) x 117 (h)