

TECHNICAL SPECIFICATION

MODEL	RAPID + 800	RAPID + 1050	RAPID + 1250	RAPID + 1350	RAPID + 1600	RAPID + 2000	RAPID + 2500	RAPID + 3000	RAPID + 3500	RAPID + 4000	RAPID + 5500
VA RATING	650VA	800VA	1025VA	1100VA	1300VA	1700VA	2200VA	2700VA	3200VA	4000VA	5250VA
DC BUS	12V	12V	12V	12V	12V	24V	24V	24V	24V	48V	48V
BULB LOAD in WATT ± 1%	520 WATT	640 WATT	820 WATT	880 WATT	1050 WATT	1360WATT	1760 WATT	2160 WATT	2560 WATT	3200 WATT	4200 WATT
NO LOAD CURRENT	< 1.8 A										
OUTPUT VOLTAGE @ NO LOAD	< 240VAC @12.0 VDC					< 240VAC @24.0 VDC			< 240VAC @48.0 VDC		
BATTERY LOW ALARM	10.5 ± 0.2V					21.2 ± 0.2V			42.4 ± 0.2V		
BATTERY LOW SHUTDOWN	10.4 ± 0.2V					20.8 ± 0.2V			41.6 ± 0.2V		
SHORT CIRCUIT PROTECTION	YES										
INVERTER OUTPUT FREQUENCY	50 HZ ± 0.1 Hz										
MODE	UPS MODE										
MAINS INPUT VOLATGE RANGE	170V TO 265 V										
MAINS AC LOW CUT	170VAC ± 10VAC										
MAINS AC LOW CUT RECOVERY	180VAC ± 10VAC										
MAINS AC HIGH CUT	265VAC ± 10VAC										
MAINS AC HIGH CUT RECOVERY	255VAC ± 10VAC										
MAXIMUM CHANGE OVER TIME	< 8 msec										
MODE	WIDE UPS MODE										
MAINS INPUT VOLATGE RANGE	90V TO 290 V										
MAINS AC LOW CUT	90VAC ± 10VAC										
MAINS AC LOW CUT RECOVERY	110VAC ± 10VAC										
MAINS AC HIGH CUT	290VAC ± 10VAC										
MAINS AC HIGH CUT RECOVERY	280VAC ± 10VAC										
MAXIMUM CHANGE OVER TIME	< 18 msec										
MODE	CHARGING MODE										
CHARGING CURRENT @ 220V AC	10A-15A					15A-20A					
BOOST VOLATGE (TUBULAR MODE)	14.4V ± 0.2V										
BOOST VOLATGE (LEAD ACID MODE)	14.0V ± 0.2V										
BOOST MODE (ENABLE TUBULAR MODE)	15.0V ± 0.2V										
BOOST MODE (ENABLE LEAD ACID MODE)	15.0V ± 0.2V										
FLOAT VOLTAGE	13.6V ± 0.2V										
SHORT CIRCUIT	YES										
PROTECTIONS											
BATTERY LOW CUT OFF	1 TIME										
OVERLOAD (AUTO RETRIES)	4 TIME										
SHORT CIRCUIT (AUTO RETRIES)	3 TIME										
OVER TEMPERATURE	3 TIME										
BATTERY OVER CHARGE	YES										
INPUT PROTECTION	YES (WITH RESETTABLE FUSE).					YES (MAINS MCB TRIP incase of short circuit in MAINS MODE)					
ENVIRONMENT											
STORAGE TEMPERATURE	0 TO + 40 C										
OPERATING TEMPERATURE	0 TO + 40 C										
HUMIDITY	0-95% NON-CONDENSNG										
ACOUSTIC NOISE (at 1 mts)	< 45dB from 1 METER										
PROTECTION GLASS	IP-20										

Manufactured & Marketed by :

INVERTEK ENERGY SOLUTIONS PVT. LTD.

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