



VACUNA[®]
LIFE LONG BATTERY

LITHIUM

BATTERY INVERTER



 www.vacuna.in

 info@vacuna.in



TOLL FREE NUMBER
1800 270 4447

Specification

MODEL	1100
DC BUS	12V
NO LOAD CURRENT	< 1.2 A
OUTPUT VOLTAGE @ NO LOAD	< 240VAC @12.0 VDC
BATTERY LOW ALARM	10.7 +/- 0.2V
BATTERY LOW SHUTDOWN	10.5 +/- 0.2V
SHORT CIRCUIT PROTECTION	YES
INVERTER OUTPUT FREQUENCY	50 HZ +/- 0.1 Hz
PARAMETERS	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
PARAMETERS	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
PARAMETERS	CHARGING MODE
CHARGING CURRENT @ 220V AC	25 Amp
BOOST VOLATGE (TUBULAR MODE)	14.4V +/- 0.2V
BOOST VOLATGE (LEAD ACID MODE)	14.0V +/- 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 (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



BATTERY LIFE
FAST CHARGING



COMPACT SIZE &
LESS WEIGHT



MAINTENANCE
FREE



FAST
CHARGING



HIGHER
BACK UP



LONGER
LIFE

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