

| MODEL                           | 1050                    | 1100 | 1250            | 1350 | 1500 | 1700                                                        | 2000 | 1600               | 1800 | 2000 | 2500 | 2700 | 3500 | 4000 | 4000               | 5500 |
|---------------------------------|-------------------------|------|-----------------|------|------|-------------------------------------------------------------|------|--------------------|------|------|------|------|------|------|--------------------|------|
| DC BUS                          | 12V                     |      |                 |      |      |                                                             |      | 24V                |      |      |      |      |      |      | 48V                |      |
| NO LOAD CURRENT                 | < 1.2 A                 |      |                 |      |      |                                                             |      |                    |      |      |      |      |      |      |                    |      |
| OUTPUT VOLTAGE @ NO LOAD        | < 240VAC @12.0 VDC      |      |                 |      |      |                                                             |      | < 240VAC @24.0 VDC |      |      |      |      |      |      | < 240VAC @48.0 VDC |      |
| BATTERY LOW ALARM               | 10.7 +/- 0.2V           |      |                 |      |      |                                                             |      | 21.4 +/- 0.4V      |      |      |      |      |      |      | 42.8 +/- 0.8V      |      |
| BATTERY LOW SHUTDOWN            | 10.5 +/- 0.2V           |      |                 |      |      |                                                             |      | 21.0 +/- 0.4V      |      |      |      |      |      |      | 42.0 +/- 0.8V      |      |
| 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      | 15- 18A                 |      | 5/10/15/25A ±3A |      |      |                                                             |      |                    |      |      |      |      |      |      |                    |      |
| BOOST VOLATGE (TUBULAR MODE )   | 14.4V +/- 0.2V          |      |                 |      |      |                                                             |      | 28.8V +/- 0.4V     |      |      |      |      |      |      | 57.6V +/- 0.8V     |      |
| BOOST VOLATGE (LEAD ACID MODE ) | 14.0V +/- 0.2V          |      |                 |      |      |                                                             |      | 28.0V +/- 0.4V     |      |      |      |      |      |      | 56.0V +/- 0.8V     |      |
| FLOAT VOLTAGE                   | 13.6V +/- 0.2V          |      |                 |      |      |                                                             |      | 27.2V +/- 0.4V     |      |      |      |      |      |      | 54.4V +/- 0.8V     |      |
| 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 ( RESSETABLE 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                   |      |                 |      |      |                                                             |      |                    |      |      |      |      |      |      |                    |      |