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# DM615N

LINE INTERACTIVE **UPS** SELECTION GUIDE

**SAMSUNG**

- EXCELLENT MICROPROCESSOR CONTROL GUARANTEES HIGH RELIABILITY
- BOOST AND BUCK AVR FOR VOLTAGE STABILIZATION
- AUTO RESTART WHILE AC IS RECOVERING
- SIMULATED SINE WAVE
- OFF-MODE CHARGING
- COLD START FUNCTION
- OPTIONAL USB/RS-232 COMMUNICATION PORT

# DM615N

| DM615N LINE INTERACTIVE UPS - SELECTION GUIDE |                                                          |                |                                                                                                  |                  |                  |
|-----------------------------------------------|----------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------|------------------|------------------|
| MODEL                                         | DM615N-650                                               | DM615N-850     | DM615N-1000                                                                                      | DM615N-1500      | DM615N-2000      |
| INPUT                                         |                                                          |                |                                                                                                  |                  |                  |
| Power                                         | 650 VA / 360 W                                           | 850 VA / 480 W | 1000 VA / 600 W                                                                                  | 1500 VA / 900 W  | 2000 VA / 1200 W |
| Voltage                                       | 220/230/240 VAC or 110/120 VAC *                         |                |                                                                                                  |                  |                  |
| Voltage Range                                 | 81-145 VAC / 162-290 VAC                                 |                |                                                                                                  |                  |                  |
| Frequency Range                               | 60/50 Hz (auto sensing) (±5Hz)                           |                |                                                                                                  |                  |                  |
| OUTPUT                                        |                                                          |                |                                                                                                  |                  |                  |
| AC Voltage Regulation (Batt. Mode)            | ±10%                                                     |                |                                                                                                  |                  |                  |
| Frequency Range (Batt. Mode)                  | 60 Hz or 50 Hz ±1 Hz                                     |                |                                                                                                  |                  |                  |
| Transfer Time                                 | Typical 2-6 ms                                           |                |                                                                                                  |                  |                  |
| Waveform (Batt. Mode)                         | Simulated Sine Wave                                      |                |                                                                                                  |                  |                  |
| BATTERY                                       |                                                          |                |                                                                                                  |                  |                  |
| Battery Type & Number                         | 12V/7AH x 1                                              | 12V/9AH x 1    | 12V/7AH x 2                                                                                      | 12V/8AH x 2      | 12V/9AH x 2      |
| Backup Time (One PC load @ 120 W)             | 15 min.                                                  | 20 min.        | 25 min.                                                                                          | 30 min.          | 35 min.          |
| Typical Recharge Time                         | 8 hours recover to 90% capacity                          |                |                                                                                                  |                  |                  |
| INDICATORS                                    |                                                          |                |                                                                                                  |                  |                  |
| AC Mode                                       | Green lighting                                           |                | The 1st green LED lighting & the 2nd to 5th green LEDs gradually lighting indicating load level  |                  |                  |
| Battery Mode                                  | Yellow flashing                                          |                | The 1st green LED flashing & the 2nd to 5th green gradually lighting indicating battery capacity |                  |                  |
| Fault                                         | N/A                                                      |                | Red lighting                                                                                     | Red LED lighting |                  |
| PROTECTION                                    |                                                          |                |                                                                                                  |                  |                  |
| Full Protection                               | Overload, discharge, and overcharge protection           |                |                                                                                                  |                  |                  |
| ALARM                                         |                                                          |                |                                                                                                  |                  |                  |
| Battery Mode                                  | Sounding every 10 seconds                                |                |                                                                                                  |                  |                  |
| Low Battery                                   | Sounding every second                                    |                |                                                                                                  |                  |                  |
| Overload                                      | Sounding every 0.5 second                                |                |                                                                                                  |                  |                  |
| Battery Replacement                           | Sounding every 2 seconds                                 |                |                                                                                                  |                  |                  |
| Fault                                         | Continuously sounding                                    |                |                                                                                                  |                  |                  |
| PHYSICAL                                      |                                                          |                |                                                                                                  |                  |                  |
| Output Receptacles                            | IEC or Schuko*                                           |                |                                                                                                  |                  |                  |
| Dimension, DXWXH (mm)                         | 275 x 100 x 140                                          |                | 350 x 146 x 160                                                                                  | 397 x 146 x 205  |                  |
| Net Weight (kgs)                              | 4,4                                                      | 4,8            | 8,9                                                                                              | 9,7              | 9,8              |
| OPERATING ENVIRONMENT                         |                                                          |                |                                                                                                  |                  |                  |
| Humidity                                      | 0,90 % RH @ 0- 40°C (non-condensing)                     |                |                                                                                                  |                  |                  |
| Noise Level                                   | Less than 40dB                                           |                |                                                                                                  |                  |                  |
| MANAGEMENT                                    |                                                          |                |                                                                                                  |                  |                  |
| Optional USB/RS-232 Port                      | Supports Windows 98 SE/ME/NT 4.x/2000/2003/XP/Vista/2008 |                |                                                                                                  |                  |                  |

Product specifications are subject to change without further notice

\*on request



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