

## PowerMust 6054 / 10900 LCD RM, Online IEC



PM 6054 (6KVA),LCD RM

PM 109000 (10KVA),LCD RM

### Features

- Pure Sine Wave
- True double-conversion online UPS
- Wide input voltage range
- High efficiency ECO mode & CVCF mode
- Emergency power off (EPO) function
- Multiple communication, SNMP + USB + RS-232
- Selectable output voltage
- Output voltage regulation < 2%
- Auto self-testing system
- Output THDv < 3%

## PowerMust 6054 / 10900 LCD RM, Online IEC

### Specification

| MODEL  | PowerMust 6054 LCD, RM                           | PowerMust 10900 LCD, RM         |
|--|--|---------------------------------|
| <b>INPUT</b>   |  |                                 |
| Capacity   | 6000VA/5400W                                     | 10000VA/9000W                   |
| Voltage Range  | 120-276 VAC                                      |                                 |
| THDI   | < 5% with full load                              |                                 |
| Frequency Range  | 45-55 Hz / 54-66 Hz                              |                                 |
| Phase  | Single phase with ground                         |                                 |
| Power Factor   | ≥ 0.99 @ full load                               |                                 |
| <b>OUTPUT</b>  |  |                                 |
| Output voltage   | 208/220/230/240 VAC                              |                                 |
| AC Voltage Regulation  | ± 1%   |                                 |
| Frequency Range (Synchronized Range)   | 45 ~ 55 or 54 ~ 66 Hz                            |                                 |
| Frequency range ( Batt. Mode)  | 50/60 Hz ± 0.1 Hz                                |                                 |
| Current Crest Ratio  | 3:1  |                                 |
| Harmonic Distortion  | <2% THD (Linear Load); <5% THD (non-Linear Load) |                                 |
| Waveform (Batt. Mode)  | Pure Sinewave                                    |                                 |
| <b>BATTERY</b>   |  |                                 |
| Battery Type   | 12 V / 5 AH x 15                                 | 12 V / 9 AH x 20                |
| Recharge Time  | 3 hours recover to 90% capacity                  | 3 hours recover to 90% capacity |
| Charging Current   | 1 A (max.)                                       | 1.7 A (max.)                    |
| <b>BACK-UP TIME</b>  |  |                                 |
| Back up time   | > 2.5 min.                                       | > 3.5 min.                      |
| <b>AUDIBLE ALARM</b>   |  |                                 |
| Battery Mode   | Sounding every 4 seconds                         |                                 |
| Battery Low  | Sounding every second                            |                                 |
| Fault  | Continuesly sounding                             |                                 |
| Overload   | Sounding twice every second                      |                                 |
| <b>TRANSFER TIME</b>   |  |                                 |
| BAT <--> LINE  | 0 ms   | 0 ms                            |
| INV <--> BYPASS  | 0 ms   | 0 ms                            |
| INV --> ECO  | 0 ms   | 0 ms                            |
| ECO--> INV   | < 10 ms  | <10 ms                          |
| Force to transfer to bypass with Main2 out of tolerant or without phase lock | 10 ms  | 10 ms                           |
| <b>PHYSICAL</b>  |  |                                 |
| Dimension, D X W X H (mm)  | 438 x 129 (3U) x 698                             | 438 x 215.5 (5U) x 704          |
| Net Weight (kgs)   |  |                                 |
| <b>ENVIRONMENT</b>   |  |                                 |
| Operation Environment  | 0-40°  |                                 |
| Relative Humidity  | 0-95% (non-condensing)                           |                                 |
| Noise Level  | < 55 dB @ front 1 Meter                          |                                 |

**PowerMust 6054 / 10900 LCD RM, Online IEC**
**Specification continued**

| MODEL                    | PowerMust 6054 LCD, RM   | PowerMust 10900 LCD, RM |
|--------------------------|--|-------------------------|
| <b>INTERFACE</b>         |  |                         |
| EPO                      | Emergency Power Off  |                         |
| Dry Contact              | Yes  |                         |
| Intelligent slot         | External Type of SNMP / RS485 / AS 400 / USB card  |                         |
| AC Outlets               | IEC320 C13 x 4 + IEC C19 x2 + Terminal   | IEC320 C19 x 8 Terminal |
| USB port                 | Yes  |                         |
| <b>ACCESSORIES</b>       |  |                         |
| Accessories              | User manual, Output cable IEC x2, EPO connector x1, Input power cord schuko, USB cable x 1, pedestal for tower installation x2, Fitting Ear for UPS x2, Fitting Ear for PDU x1( 10900 x2), Rack Rail Software CD |                         |
| <b>MANAGEMENT</b>        |  |                         |
| Smart RS 232 or USB Port | Supports Windows® 2000/2002/XP/Vista/2008/7/8, Linux, Unix, and MAC  |                         |
| Optional SNMP            | Power Management from SNMP manager and Web browser   |                         |