



(10-15 kVA)

Trifaze Giriş Monofaze Çıkış Ups / Triphase In Monophase Out Ups

LeGa 31 S-Y Model

31

Genel Özellikler

- * Gerçek sinüs dalga çıkışlı, On-Line
- * Geniş giriş gerilim aralığı
- * Çift çevrim teknolojisini (double conversion)
- * CPU kontrolü ile maksimum güvenlik
- * Statik By-Pass
- * Aküden başlatma (Cold Start)
- * RS-232 port üzerinden haberleşme
- * Girişte güç faktörü düzeltmesi (PFC)
- * Aşırı yük ve kısa devre koruması
- * Açılışta otomatik test (Self Check)
- * Yüksek verim ile enerjiden tasarruf
- * LCD panel ile kullanım bilgilerine kolay ulaşım
- * Gelişmiş akü yönetimi
- * Kompakt, hafif ve sessiz yapı

Çevreci tasarım

- * Yüksek verim ile enerjiden tasarruf
- * Küçük boyut, sessiz çalışma
- * Servis ve devreye alma kolaylığı
- * Düşük kurulum ve işletme maliyeti
- * 10 yıl yedek parça temin garantisi
- * 7/24 teknik servis ve müşteri hizmetleri

Opsiyonel Özellikler

- * SNMP ile akıllı haberleşme
- * Ek akü ile uzun yedekleme süresi

Standartlar

- * CE , EN 62040-1 EN 62040-2 EN 62040-3 EN 60950, ISO9001

General Features

- * DSP Microprocessor Control
- * True On-Line Double Conversion
- * IGBT Rectifier
- * Active Input Power Factor Correction ($\geq 0,99$)
- * Low Input Current THDi ($< 3\%$)
- * Wide Input Voltage Range ($\pm 25\%$)
- * Generator Compatible Operation
- * Low Output Voltage THDv ($< 3\%$)
- * High Efficiency (Normal Operation Up To 92%)
- * Highest Efficiency with Smart Eco-Mode Operation(%98)
- * Low Response Time ($< 2ms$)
- * Start on Battery (Cold Start)
- * Short Circuit, High-Low Voltage, Overload Protection
- * Standard Static & Maintenance By-Pass
- * Intelligent Battery Management Software
- * EMI / RFI Filter
- * Smart Fan Control
- * LCD Panel & LED Operation Mode Diagram
- * RS232 Communication

Optional Features

- * Smart Communication via SNMP
- * Long Back Up Time with Additional Battery Set

Standarts

- * CE , EN 62040-1 EN 62040-2 EN 62040-3 EN 60950



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| Power | LeGa S Model 10 kVA | LeGa Y Model 15 kVA |
|---|--|--|
| INPUT | | |
| Voltage | 380 VAC \pm 20% (3P + N) | 380 VAC \pm 20% (3P + N) |
| Frequency | 50/60 Hz \pm 5% | 50/60 Hz \pm 5% |
| Input Power Factor | \geq 0,99 | \geq 0,99 |
| THDi | <3% | <3% |
| OUTPUT | | |
| Voltage | 220 VAC + 1% (3P + N) | 220 VAC + 1% (3P + N) |
| Frequency | 50/60 Hz \pm 1% | 50/60 Hz \pm 1% |
| Power Factor | 0,9 | 0,9 |
| Crest Factor | 03:01 | 03:01 |
| Waveform | Pure Sine | Pure Sine |
| THDv | < 3% (Linear Load)/ < 5% (Non-Linear Load) | < 3% (Linear Load)/ < 5% (Non-Linear Load) |
| STATIC BY-PASS | | |
| Transfer Time | 0 ms | 0 ms |
| Overload Capacity | 150% | 150% |
| Protection | Overload, Short Circuit | Overload, Short Circuit |
| BATTERY | | |
| Voltage / Quantity | Depends on Power (Standard / 16 pcs. 12V) | Depends on Power (Standard / 16 pcs. 12V) |
| Type | Maintenance Free Dry Type | Maintenance Free Dry Type |
| Back Up Time | Selectable | Selectable |
| GENERAL | | |
| Technology | On-Line Double Conversion | On-Line Double Conversion |
| Control | DSP Microprocessor Controlled, High Frequency PWM | DSP Microprocessor Controlled, High Frequency PWM |
| Efficiency | Up To 93% | Up To 93% |
| Parallel Operation | Optional | Optional |
| Redundant Operation | Optional | Optional |
| Protection | Overload, Over Temperature, Input/Output Short Circuit Protection | Overload, Over Temperature, Input/Output Short Circuit Protection |
| COMMUNICATION | | |
| Display | 2x16 Character LCD Display / 4x20 Character LCD Optional (Different Language Options) | 2x16 Character LCD Display / 4x20 Character LCD Optional (Different Language Options) |
| Alert/ Event | Normal Operation Datas, Battery Low, Overload, UPS Fault | Normal Operation Datas, Battery Low, Overload, UPS Fault |
| Advanced Communication | RS232, SNMP (Optional) | RS232, SNMP (Optional) |
| Software | Netpro PC Software | Netpro PC Software |
| ENVIRONMENT | | |
| Operating Temperature Range | 0 °C ~ 40 °C (Recommended 20 25 °C for Longest Lifetime of Batteries) | 0 °C ~ 40 °C (Recommended 20 25 °C for Longest Lifetime of Batteries) |
| Relative Humidity | 0% ~ 95% (Non-Condensing) | 0% ~ 95% (Non-Condensing) |
| Altitude | \leq 3000 m | \leq 3000 m |
| Noise | < 50 dB (from 1 meter distance) | < 50 dB (from 1 meter distance) |
| Protection Class | IP20 | IP20 |
| PHYSICAL | | |
| Dimensions (WxDxH cm) | 26 x 56 x 72 | 26 x 56 x 72 |
| STANDARDS | | |
| CE, EN 62040-1, EN 62040-2, EN 62040-3, EN 60950, ISO9001 | | |



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