



(6-15 kVA)

## Lega Monofaze Giriş Monofaze Çıkış UPS / Monophase In Monophase Out UPS

### LeGa 11 A-M-B Model

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#### Genel Özellikler

- \* Gerçek sinüs dalga çıkışlı, On-Line
- \* Geniş giriş gerilim aralığı
- \* Çift çevrim teknolojisi ( 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, ISO 9001:2008

#### General Features

- \* Maximum Safety with Microprocessor Control
- \* True On-Line Double Conversion
- \* Active Input Power Factor Correction( PFC )
- \* Wide Input Voltage Range
- \* True Sine Wave Output
- \* Energy Savings via High Efficiency
- \* Advanced Battery Management
- \* Self Check at Start Up
- \* Overload and Short Circuit Protection
- \* Static By-Pass
- \* Cold Start Feature
- \* PC Communication over RS-232
- \* Monitorable Operation Datas with LCD

#### Environment Friendly Design

- \* Compact, Light Weight Structure, Silent Operation
- \* Ease of Installation and Service
- \* Low Installation and Operation Costs
- \* 10 Years Spare Part Availability
- \* 7/24 Technical Support&Customer Services

#### Optional Features

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

#### Standards

- \* CE, ISO 9001:2008



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Power	LeGa A Model 6 kVA	LeGa M Model 10 kVA	LeGa B Model 15 kVA
<b>INPUT</b>			
Voltage	220 VAC ± 20% ( 1P + N )	220 VAC ± 20% ( 1P + N )	220 VAC ± 20% ( 1P + N )
Frequency	50 Hz ± 5%	50 Hz ± 5%	50 Hz ± 5%
Input Power Factor	≥ 0,99	≥ 0,99	≥ 0,99
THDi	<3%	<3%	<3%
<b>OUTPUT</b>			
Voltage	220 VAC + 1% ( 1P + N )	220 VAC + 1% ( 1P + N )	220 VAC + 1% ( 1P + N )
Frequency	50 Hz ± 1%	50 Hz ± 1%	50 Hz ± 1%
Power Factor	0,9	0,9	0,9
Crest Factor	03:01	03:01	03:01
Waveform	Pure Sine	Pure Sine	Pure Sine
THDv	< 3% ( linear load ) < 5% ( non-linear load )	< 3% ( linear load ) < 5% ( non-linear load )	< 3% ( linear load ) < 5% ( non-linear load )
<b>STATIC BY-PASS</b>			
Transfer Time	0 ms	0 ms	0 ms
Overload Capacity	150%	150%	150%
Protection	Overload, Short Circuit	Overload, Short Circuit	Overload, Short Circuit
<b>BATTERY</b>			
Voltage / Quantity	Depends on Power ( Standard / 16 pcs. 12V )	Depends on Power ( Standard / 16 pcs. 12V )	Depends on Power ( Standard / 16 pcs. 12V )
Type	Maintenance Free Dry Type	Maintenance Free Dry Type	Maintenance Free Dry Type
Back Up Time	Selectable	Selectable	Selectable
<b>GENERAL</b>			
Technology	On-Line Double Conversion	On-Line Double Conversion	On-Line Double Conversion
Control	DSP Microprocessor Controlled, High Frequency PWM	DSP Microprocessor Controlled, High Frequency PWM	DSP Microprocessor Controlled, High Frequency PWM
Efficiency	Up To 93%	Up To 93%	Up To 93%
Parallel Operation	Optional	Optional	Optional
Redundant Operation	Optional	Optional	Optional
Protection	Overload, Over Temperature, Input/Output Short Circuit Protection	Overload, Over Temperature, Input/Output Short Circuit Protection	Overload, Over Temperature, Input/Output Short Circuit Protection
<b>COMMUNICATION</b>			
Display	2x16 Character LCD Display / 4x20 Character LCD Optional (Different Language Options )	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	Normal Operation Datas, Battery Low, Overload, UPS Fault
Advanced Communication	RS232, SNMP ( Optional )	RS232, SNMP ( Optional )	RS232, SNMP ( Optional )
Software	Netpro PC Software	Netpro PC Software	Netpro PC Software
<b>ENVIRONMENT</b>			
Operating Temperature Range	0 °C ~ 40 °C	0 °C ~ 40 °C	0 °C ~ 40 °C
Relative Humidity	0% ~ 95% ( Non-Condensing )	0% ~ 95% ( Non-Condensing )	0% ~ 95% ( Non-Condensing )
Noise	< 50 db	< 50 db	< 50 db
Altitude	≤ 3000 m	≤ 3000 m	≤ 3000 m
Protection Class	IP20	IP20	IP20
<b>STANDARDS</b>			
	CE, EN 62040-1, EN 62040-2, EN 62040-3, EN 60950		



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