MYS Monoline Serisi

3-20 kVA

Monoline UPS, alt sistemler üzerinde hiçbir etki yaratmadan güç sağlanan yüklere maksimum koruma ve optimize edilmiş enerji tasarrufu sunmak amacıyla, en son teknoloji ve bileşenler kullanılarak tasarlanmış ve üretilmiştir. Seri, en yeni üç seviyeli teknolojiye sahip çevrimiçi çift çevrim teknolojisi (VFI) ile 3-20 kVA tek faz giriş/ tek faz çıkış ve 10-20 kVA tek faz giriş/üç faz çıkış modellerini içermektedir.

Yük, sinüzoidal bir voltaj sağlayan, filtrelenmiş ve şekil ile frekans açısından stabilize edilmiş invertör tarafından sürekli olarak beslenmektedir. Giriş ve çıkış filtreleri, şebeke kesintileri ve yıldırım çarpmalarına karşı önemli ölçüde koruma sağlamaktadır.

Monoline, teknoloji ve performans açısından piyasadaki en üstün UPS'ler arasında yer almaktadır. Üç seviyeli invertör teknolojisi sayesinde, yarım yükte %95 verimlilik elde edilmekte olup, sistem ve cihazların verimliliğini artırmakta ve güç sistemi kayıplarını azaltmaktadır. Ayrıca, çıkış gücü faktörü 1 ile güç sistemi performansını maksimum seviyeye çıkarmaktadır.

The Monoline UPS has been designed and manufactured using the latest technology and components to offer maximum protection and optimised energy savings to the loads being powered, with no impact on subsystems. The range includes 3-20 kVA single-phase input/ single-phase output and 10-20 kVA single-phase input/three-phase output models with the latest three-level technology online double conversion technology (VFI).

The load is continuously supplied by the inverter, which provides a sinusoidal voltage, filtered and stabilised in shape and frequency. Input and output filters provide significant protection against mains interruptions and lightning strikes.

Monoline is among the most superior UPSs on the market in terms of technology and performance. Thanks to the three-level inverter technology, 95% efficiency is achieved at half load, increasing the efficiency of systems and devices and reducing power system losses. It also maximises power system performance with an output power factor of 1.

MODEL	MYS 3360	MYS 3380	MYS 33100	MYS 33120	MYS 33160	MYS 33200
3P Version 400V (220-230-240V)						
Nominal Power (kVA) / Active Power (kW)	6/6	8/8	10/10	10/10	15/15	20/20
1P Version 208V (100-110-120V)						
Nominal Power (kVA) / Active Power (kW)	3/3	4/4	5/5	5/5	7.5/7.5	10/10
General Specs						
Technology	Three Level On-Line double conversation VFI-111					
Waveform	Sinusoidal					
Architecture	Stand Alone or Distributed Parallel up to 4 units					
Input Characteristics						
Input Voltage	220,230,240 V 1 PH+N+PE* / 100-110-120 V 1 PH+N+PE**				380,400,415 V 3Ph+N+PE* / 200-208-220V 3Ph+N+PE**	
Input Frequency	45-65 Hz					
Voltage Tolerance (%100 Load)	(-20)% (+20)%					
Voltage Tolerance (%40 Load)	(-36)% (+20)%					
Input Power Factor	>0,99				>0,99	
Input Current Harmonic	<3%					
Output Characteristics						
Output Voltage	220,2 30, 240 V 1P h+N+PE*, 100, 11 O, 120V 1P h+N+PE** (Adjustable from Front Panel)					
Output Voltage Tolerance	+ 1%					
Overall Efficiency (AC-AC)	Up to 96%* (Half load)					
Ecomode Efficiency	Up to 98%					
Nominal Output Frequency	50/ 60Hz +0,01 free run (Adjustable from LCD Panel)					
Crest Factor	3:1					
Output Power Factor	1				1 (0,8 at compact models)	
THD of Output Voltage	<2% (at full linear load)					
Batteries						
Battery Type	VRLA-AGM Maintenance-Free					
Battery Test	Automatic or Manual					
Battery Quantity	20 to 30 (Adjustable)					
Battery Recharge Time	<6h-8h					
Internal Battery	20x12V 7-9Ah	30x12V 7-9Ah		60x12V 7-9Ah (30 pes at compact models)		
Bypass Characteristics						
Bypass	Built in Automatic and Maintenance Bypass					
Voltage Tolerance	±10%					
Transfer Time	O ms					
Overload Capability	150% for 1 minutes					
Communication and management						
LCD Display	Graphical LCD Screen, Led Bar Status					
Communication Ports	RS232,Genset, SNMP, Relay Contacts, Input Contacts, Modbus and USB (optional)					
Battery Temperature Sensor Contact	Available					
Emergency Power Off (Epo)	Yes					
Remote Display	Available					
Physical Characteristics						
Dimensions HxWxD(mm)	345x190x420	635x256x580	735X256X673		812x302x715 / 735X256X673*4	
Net Weight (Kg)	30	35	38	39	48	48
Operating / Storage Tempature	0°C - 40°C / -15°C - +55°C					
Proposed Tem. To Extend Battery Life	20-25°C					
Relative Humidity (%)	<95% Non Condensing					
Noise at l m (dBA)	<55					
Protection Class	IP 20					
Referance Product Standards	EN 62040-1-1 (Safety), EN 62040-2 (EMC), EN 62040-3 (Performance)					