

PWR 33 OL SERİSİ KGK

On-line UPS Çift Çevrim Teknolojisi

On-line UPS

IGBT Doğrultucu 10-30 kVA Faz Giriş / 3 Faz Çıkış



PWR 33 OL Serisi KGK üst seviye performans ve koruma özellikleri çok çeşitli elektriksel ortamlara uygun olarak programlanabilen en son DSP teknolojisini kullanır. PWR33 OL serisi ile birlikte, verimlilik, güvenilirlik, ve fonksiyonellik analog teknoloji ile ulaşılmaz seviyelere yükseltilmiştir. Özel ve devlet hastanelerinde, havaalanlarında, fabrikalarda, endüstriyel tesis, makina sektöründe, bankalarda, tersanelerde, enerji üretim santralleri vb. IT sektörlerinde güvenle çalışmaktadır.

The PWR 33 OL Series UPS uses state of the art DSP technology, which can be programmed for a wide range of electrical environments with high-end performance and protection features. With the PWR33 OL series, efficiency, reliability, and functionality have been upgraded to unattainable levels with analog technology. In private and government hospitals, airports, factories, industrial plants, machinery sector, banks, shipyards, power generation plants etc. It works confidently in IT departments.

Özellikler

- Trafosuz UPS teknolojisi
- Düşük giriş akımı harmonik distorsiyonu <%3
- Yüksek giriş güç faktörü 0.99
- Online Verim >%94 , ECO model verim >%98
- Cold start Aküden başlayabilme
- Statik by-pass anahtarı
- Bakım by-pass anahtarı
- Çıkışta kısa devre ve aşırı yük koruması
- 190~485 Vac Giriş aralığında çalışabilme
- Split by-pass girişi (ikinci giriş)
- Yüke göre devir kontrollü fan sistemi
- 50/60 Hz giriş frekans otomatik algılama
- PFC için ayrı DSP
- 3 seviyeli akü koruması
- Yüke göre programlanabilen ON/OFF zamanı
- Uzaktan acil kapatma EPO kontağı
- Şarj/Deşarj akım göstergesi
- Olay hafızası
- Otomatik akü testi, Kalan akü süre göstergesi
- Isı kompanzasyonlu şarj sistemi
- 6 adete kadar paralellenebilme
- RS232 ve kuru kontakt çıkışı
- DSP ile kontrol edilen modüler yapı
- Gelişmiş Uzaktan izleme SNMP imkanı
- Az yer kaplar WxDxH:350x785x1078 mm
- 2 yıl garanti
- 10 yıl yedek parça desteği
- IEC EN 62040 direktifine göre

Specifications

- Transformerless UPS technology
- Low input current harmonic distortion <3%
- High input power factor 0.99
- Online Efficiency >%94 , ECO efficiency >%98
- Cold start
- Static by-pass switch
- Maintenance by-pass switch
- A short circuit and overload protection
- Works between 190~485 Vac
- Split by-pass input(second input)
- Fan control system according to load
- 50/60 input frequency automatic detection
- Separate DSP for PFC
- 3-level battery protection
- ON / OFF time programmable depends to the load
- Remote emergency shutdown REPO contact
- Charge / Discharge current display
- Event memory
- Automatic battery test, the remaining battery time indicator
- Temperature compensated charging system
- Redundant up to 6 units
- RS232 and dry contact output
- Modular structure which is controlled by DSP
- Intelligent remote monitoring via SNMP
- Low size on floor WxDxH : 350x785x1078 mm
- 1 year warranty for export
- 10 year spare part presence
- Manufacturing accordingly to IEC EN 62040 standard

MODEL	40	60	80	100			
Capacity	40 kVA/40 kW	60 kVA/60 kW	80 kVA/80 kW	100 kVA/100 kW			
INPUT							
Input wiring	Three-phase five-wire (3Φ + N + PE)						
Rated voltage	380 / 400 / 415 Vac						
Voltage range	304 ~ 485 Vac (no downgrading), 138 ~ 304 Vac (linear downgrading between 40% ~ 100% load)						
Rated frequency	50 / 60 Hz (auto-sensing)						
Frequency range	40 ~ 70 Hz						
Power factor	≥ 0.99						
Bypass voltage range	-60% ~ +20% (settable)						
Total harmonic distortion (THDi)	≤ 3%						
OUTPUT							
Output wiring	Three-phase five-wire (3Φ + N + PE)						
Rated voltage	380 / 400 / 415 Vac						
Voltage regulation	± 1%						
Frequency	Synchronized with utility in mains mode, 50 / 60 Hz ± 0.1% in battery mode						
Waveform	Sinusoidal						
Power factor	1						
Total harmonic distortion (THDv)	≤ 1% (linear load); ≤ 4% (non-linear load)						
Crest factor	3:1						
Overload	105% ~ 110% for 60 min, 110% ~ 125% for 10 min, 125% ~ 150% for 1 min, > 150% for 0.2 s						
BATTERIES							
DC voltage	± 192 Vdc (± 180 ~ ± 264 Vdc settable) 40 kVA built-in battery: ± 240 Vdc (80 pcs 9 Ah/12 V)						
Number of battery	32 pcs (30 ~ 44 pcs settable)						
Charging current (max.)	12 A	24 A					
Recharge time	Depend on the capacity of battery						
SYSTEM							
Efficiency	Max. 96% in online mode, 99% in ECO mode						
Transfer time	0 ms						
Protections	Short-circuit, overload, overtemperature, excessive low battery, overvoltage, undervoltage, fans failure						
Max. number of parallel connections	4						
Communications	Standard configuration: RS232, USB, RS485, RJ45, dry contacts; Optional configuration: SNMP card, Wi-Fi card, GPRS card						
Display	5 inches colorful LCD touch screen						
OTHERS							
Operating temperature	0°C~40°C						
Storage temperature	-25°C~55°C (without battery)						
Relative humidity	0% ~ 95% (non-condensing)						
Altitude	≤ 1000 m; above 1000 m, downgrading 1% for each additional 100 m						
IP rating	IP 20						
Noise level at 1 m	≤ 65 dB						
Dimensions (W × D × H) (mm)	360 × 850 × 885	360 × 850 × 950	360 × 850 × 1200	440 × 850 × 1200			
Packaged dimensions (W × D × H) (mm)	450 × 940 × 1055	450 × 940 × 1120	450 × 940 × 1370	530 × 940 × 1370			
Net weight (kg)	95	130	156	162			
Gross weight (kg)	110	145	172	180			