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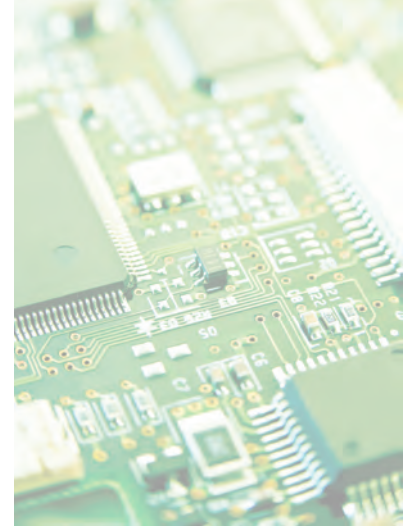
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PWR11 - OL Rack UPS

Power On-line Rack UPS (1-3kVA)



Mikro işlemci kontrollü, 2U,3U boyutlarında dahili akü imkanına sahip Rack sistemlerine uygun, zorlu şartlarda çalışabilen online kesintisiz güç kaynağı

Microprocessor controlled, in 2U, 3U dimensions, suitable for Rack systems have internal batteries, Online uninterruptible power supply can operate on rough conditions.

Özellikler

- Geniş giriş voltaj ve frekans toleranslarında
- çalışabilme 19" Rack montajlı
- Çıkışta otomatik frekans düzeltme
- Online çift çevrim teknoloji
- Full dijital kontrol
- Başlangıçta otomatik test
- Çıkış güç faktörü 0.8 (opsiyonel olarak 0.9 imkanı)
- DC invertör geniş gerilim toleransı
- Cold start özelliği ile DC 'den başlayabilme özelliği
- Yıldırım ve aşırı gerilim koruması (1050j)
- EMI ve RFI filtrelili
- RS 232 portlu, opsiyonel olarak
- SNMP haberleşme imkanı
- LCD ekran ile kolay kullanım
- Aşırı yük, aşırı gerilim, aşırı sıcaklık korumalarına sahip

Specifications

- Can operate at wide input voltage and frequency
- 19" Rack mounted
- Automatic frequency correction on the output
- Online double conversion technology
- Full digital control panel
- Automatic test in start up operation
- Output power factor 0.8 (Optional 0.9)
- DC inverter voltage tolerance
- With cold start characteristic can start via on DC
- Over voltage protection, 1050j
- EMI and RFI filters
- Optional RS232 port
- Optional SNMP communication
- Easy use with LCD panel
- Overload, over voltage, over temperature protection

Model	1KVA	2kVA	3kVA	
PWR11 OL MODEL				
Rated Capacity	1 kVA / 900 W	2 kVA / 1800 W	3 kVA / 2700 W	
Input				
Rated input voltage	208 Vac / 220 Vac / 230 Vac / 240 Vac			
Rated input frequency	50 Hz / 60 Hz (auto-sense)			
Input voltage range	110 ~ 176Vac (power derating linearly between 50% and 100% load); 176 ~ 280Vac (no derating); 280 ~ 300Vac (power derating 50%)			
Input frequency range	40~70 Hz			
PFC	≥ 0.99			
THDI	≤ 6%			
Bypass voltage range	-25% ~ +15% (settable)			
Output				
Output voltage	208 Vac / 220 Vac / 230 Vac / 240 Vac (settable)			
Voltage accuracy	±1%			
Output PF	0.9			
Inverter overload capability	105% ~ 125% load: transfer to bypass in 1 min; 125% ~ 150% load: transfer to bypass in 30 s; > 150% load: transfer to bypass in 300 ms;			
Load crest	3:1			
From mains mode to BAT mode	0ms (transfer time)			
From mains mode to bypass	4 ms (typical)			
Efficiency	Line mode	90%	91%	92%
	BAT mode	85%	86%	87%
	ECO mode	95%	96%	97%
Output frequency	Line mode	Same as input frequency		
	BAT mode	(50 / 60 ±0.1) Hz		
Total voltage harmonic	≤ 2% (linear load); ≤ 5% (non-linear load)			

distortion									
Batteries									
Battery type	Sealed lead acid maintenance free battery								
DC voltage	24 V	36 V	36 V	48 V	72 V	72 V	72 V	96 V	96 V
Inbuilt battery	12 V / 9	12 V / 7	/	12 V / 9	12 V / 7	/	12 V /	12 V / 7	/
	Ah	Ah		Ah	Ah		9 Ah	Ah	
Quantity	2	3	3	4	6	6	6	8	8
Charger output voltage	27.1 ±0.4	40.7 ±0.6	40.7 ±0.6	54.2 ±0.8	81.3 ±1.2	81.3 ±1.2	81.3 ±1.2	108.4 ±1.6	108.4 ±1.6
Recharging time	Recover 90% capacity in 3 hours for standard models								
Charging current (Max.)	Standard model: 1 A Long time model: 6 A / 3 A								
System Control and Communications									
Protections	Over-temp protection; Fan testing protection; Overload protection; Output short circuit protection; Battery discharge protection								
Communication port	Standard: RS232; Options: USB, SNMP card, dry contacts								
Display	LCD								
Environmental									
Operating humidity	0 ~ 90 % RH @ 0 ~ 40° C(non-condensing)								
Storage temperature	-25° C~ 55° C(excludebatteries)								
Operating altitude	≤ 1000m, above 1000m, derate 1% for each rising 100m								
Protection class	IP20								
Noise level	≤50dB (at 1m)								
Others									
Dimensions (mm)	440× 468×88			440× 658× 88		440× 468×88	440× 658×88	440× 468× 88	
W x D x H									
Weight (kg)	12.26	13.78	7.58	22.73	25.86	9.66	29.26	9.45	10.04

* Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.

Note:

Model	Type	Model	Type
1kVA	1 kVA Standard model	1kVA	1 kVA Long backup model
2kVA	2 kVA Standard model	2kVA	2 kVA Long backup model
3kVA	3 kVA Standard model	3kVA	3 kVA Long backup model