

# UPS Serie PSOG-RT/ 1- 3 Kva

## Online Doble Conversión

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# POWERSEL

## ENERGY SOLUTIONS



**ISO9001**  
CERTIFIED  
**VFI-SS-111**  
TRUE ON LINE DOUBLE CONVERSION

Panel LCD Rotatorio

Gabinete convertible Rack/Torre



### ► Descripción producto

- Verdadera doble conversión
- Amplio rango de voltaje de entrada (110-300 Vca)
- Corrección del factor de potencia de entrada 0,99
- Factor de potencia de salida 0.9
- Muy bajo rizado de corriente alterna cuando carga la batería
- La corriente del cargador puede configurarse mediante LCD
- Modo convertidor de frecuencia 50Hz / 60Hz
- Función de apagado de emergencia (EPO)
- Modo ecológico para ahorro de energía (ECO)
- Generador compatible
- Comunicaciones múltiples SNMP / USB / RS232
- Diseño inteligente del cargador de batería para optimizar el rendimiento de esta.
- Voltaje de salida seleccionable: 200,208,220,230, 240Vac



■ Vista Posterior



■ Ajuste la base de la capacidad de la batería a través del panel LCD



■ Panel LCD de 2 direcciones



Mini dry



SNMP



■ Gabinete convertible Rack/Torre





## UPS Serie

## PSOG-RT / 1 - 3 KVA

Phase	Single phase with ground					
Capacity (VA/Watts)	1000VA / 900W		2000VA / 1800W		3000VA / 2700W	
<b>INPUT</b>						
Nominal voltage	200/208/220/230/240Vac					
Operating voltage range	Low line transfer	160Vac ± 5% @100%~80%load				
		140Vac ± 5% @80%~70%load				
		120Vac ± 5% @70%~60%load				
		110Vac ± 5% @60%~0%load				
		(Ambient temp. <35°C)				
Operating voltage range	Low line comeback	175Vac ± 5% @100%~80%load				
		155Vac ± 5% @80%~70%load				
		135Vac ± 5% @70%~60%load				
		125Vac ± 5% @60%~0%load				
(Ambient temp. <35°C)						
	High line transfer	300Vac ± 5%				
	High line comeback	290Vac ± 5%				
Operating frequency range	40~70Hz					
Power factor	0.99					
Generator input	Support					
<b>OUTPUT</b>						
Output voltage	200/208/220/230/240Vac					
Power factor	0.9					
Voltage regulation	± 1%					
Frequency	Line mode (Synchronized range)	47~53Hz or 57~63Hz				
	Bat. mode	(50/60 ± 0.1)Hz				
Crest factor	3:1					
Harmonic distortion (THDv)	≤3% THD with linear load ≤6% THD with non linear load					
Waveform	Pure sinewave					
Transfer time	AC mode <-> Batt. mode	Zero				
	Inverter <-> Bypass	4ms(Typical)				
Efficiency	Line mode	88%		92%		92%
	Batt mode	85%	86%	87%	88%	89%
<b>BATTERY</b>						
Battery Type	12V9AH		12V9AH		12V9AH	
Numbers	2	3	4	6	6	8
Backup time	Long run unit depends on the capacity of external batteries					
Typical recharge time (Standard mode)	4 hours recover to 90% capacity (Typical)					
Charging voltage	27.4 Vdc ± 1%	41.0 Vdc ± 1%	54.7 Vdc ± 1%	82.1 Vdc ± 1%	82.1 Vdc ± 1%	109.4 Vdc ± 1%
Charge current	1A	12A max	1A	12Amax	1A	12A max
<b>SYSTEM FEATURES</b>						
Line Mode Battery Mode	Ambient Temp.<35°C	105%~110%: UPS transfer to bypass after 10minuteswhen the utility is normal 110%~130%: UPS transfer to bypass after 1minute when the utility is normal 130%~150%: UPS transfer to bypass after 5 seconds when the utility is normal >150%:UPS transfer to bypass immediately when the utility is normal				
	35°C<Ambient Temp.<40°C	105%~110%: UPS transfer to bypass after 1minute when the utility is normal 110%~130%: UPS transfer to bypass after 5 seconds when the utility is normal >130%:UPS transfer to bypass immediately when the utility is normal				
Short circuit	Hold whole system					
Overheat	Line mode: Switch to bypass; Backup mode: Shut down UPS immediately					
Under voltage of battery	Alarm and switch off					
EPO (optional)	Shut down UPS immediately					
Audible & Visual alarms	Line failure, Battery low, Over load, System fault					
Communication interface	USB (or RS232), SNMP card (optional), Relay card (optional)					
<b>ENVIRONMENT</b>						
Operating temperature	0 ~ 40°C					
Storage temperature	-25°C ~ 55°C					
Humidity range	20~90% RH @ 0~40°C (Non-condensing)					
Altitude	<1000m					
Noise level	Less than 50dBA @ 1 Meter					
<b>PHYSICAL</b>						
Dimension W × D × H (mm)	440 × 430 × 86.5		440 × 552 × 86.5		440 × 720 × 86.5	
Net Weight (kg)	13.1	7.8	21.1	10.3	28.5	12.3
<b>STANDARDS</b>						
Safety	IEC/EN62040-1,IEC/EN60950-1					
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8					