

UPS Serie PSOG-RT/ 6-10 Kva

Online Doble Conversión

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ENERGY SOLUTIONS

Panel LCD Rotatorio



ISO9001
CERTIFIED

VFI-SS-111
TRUE ON LINE DOUBLE CONVERSION

Gabinete convertible Rack/Torre

► Descripción producto

- Online-Doble conversión
- Sin tiempo de transferencia de salida
- Tecnología PFC
- Control digital completo (DSP)
- Factor de potencia de salida : 0.9
- Armónico de corriente de entrada: 3%
- Función ECO
- Control completamente digital de carga / rectificador / inversor
- Optimización del banco de baterías, 16, 18 y 20 piezas (opcional)
- Puerto de comunicación: RS232, USB



Panel Lcd



Filtro



- Amplio rango de frecuencia de entrada: 45-55Hz / 54-66Hz \pm 0.5Hz
- Auto-testing cuando el UPS se inicia
- Protección de entrada de sobre y bajo voltaje
- By-pass automático
- Inicio DC
- Opciones: tarjeta SNMP / tarjeta de relevo
- Amplio rango de voltaje de entrada: 120-276 Vca



UPS Serie

PSOG-RT/ 6 -10 KVA

Capacity (VA/Watts)	6k / 5.4k	10k / 9k
INPUT		
Nominal voltage	220/230/240Vac(L+N+PE)	
Operating voltage range	120~276Vac	
Operating frequency range	45~55Hz/54~66Hz ± 0.5Hz	
Power factor	≥0.99	
Bypass voltage range	220V: +25%(optional +10%,+15%,+20%) 230: +20% (optional +10%,+15%) 240: +15% (optional +10%) Min. voltage: -45% (optional -20%,-30%)	
ECO range	Same as bypass	
Bypass frequency range	Frequency protection range: ± 10%	
Harmonic distortion (THDi)	≤3%(100% linear load)	
Generator input	Support	
OUTPUT		
Output voltage	220/230/240Vac	
Power factor	0.9	
Voltage regulation	± 2%	
Frequency	Line Mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated frequency(optional)
	Bat. Mode	50/60 (± 0.1)Hz
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% with linear load ≤5% with non linear load	
Waveform	Pure Sinewave	
Efficiency	>93.5%	
BATTERY		
Battery voltage	Optional Voltage: ± 96/ ± 108/ ± 120Vdc	
Typical recharge time	6~8 hours (to 90% of full capacity)	
Back up time	Long run unit depends on the capacity of external batteries Estimated remaining time displayed on the LDC	
Charge current	Maximum Current 10A; charge current can be set according to battery capacity installed.	
SYSTEM FEATURES		
Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms	
Overload	Line Mode	Load ≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1S; >150% turn to bypass mode
	Bypass Mode	40A(Input breaker) 60A(Input breaker)
Short Circuit	Hold Whole System	
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately	
Low battery voltage	Alarm and Switch off	
Self-diagnostics	Upon Power On and Software Control	
EPO (optional)	Shut down UPS immediately	
Battery	Advanced Battery Management	
Noise Suppression	Complies with EN62040-2	
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault	
Status LED & LCD display	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault	
Reading on the LCD display	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time	
Communication interface	USB,RS232 , Parallel Port, SNMPcard/Relay card (optional)	
ENVIRONMENTAL		
Operating temperature	0 ~ 40℃	
Storage temperature	-25 ~ 55℃	
Humidity range	0 ~ 95% (non condensing)	
Altitude	<1500m	
Noise level	<55dB	
PHYSICAL		
Dimension W × H × D (mm)	443 × 131 × 580(3U)	
Net Weight (kg)	23	25
STANDARDS		
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	
BATTERY BANK		
Model	MP-BR Battery Bank Series	
Battery type& Max.quantity	7Ah × 20	9Ah × 20
PHYSICAL OF BATTERY BANK		
Dimensions D × W × H (mm)	720 × 443 × 131(3U)	
Net weight (kg)	56	62