

PASCAL NR SERIES

1/2/3kVA Rack mount UPS

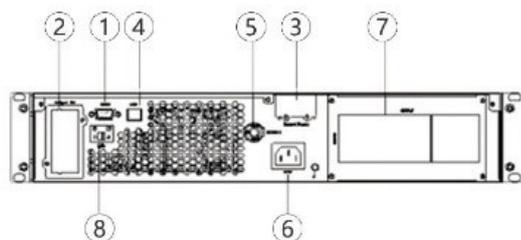
Application

IDC(Internet Dater Center), network, servers and workstations,control system, communication system, office , PC etc

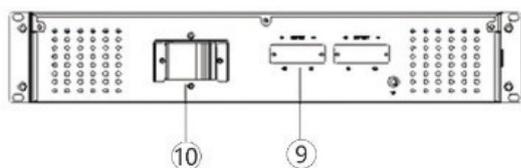
Feature

- True online double-conversion technology
- DSP technology
- Advanced PFC technology,input PF>99%
- Automatic battery charging on/off mode
- Wide input voltage range

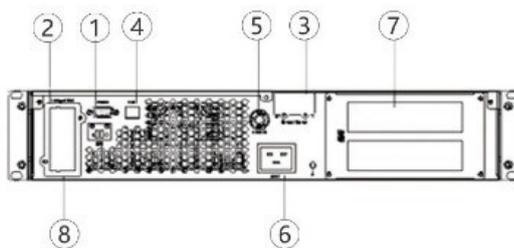
Real Panel



PCL-1000NR/L



Battery Pack



PCL-2000NR(L)/3000NR(L)

- ① RS232
- ② Smart slot (optional)
- ③ External battery connection port
- ④ USB
- ⑤ Input over current protection breaker
- ⑥ AC Input
- ⑦ Output socket
- ⑧ EPO
- ⑨ Battery interface
- ⑩ Battery breaker



Specification

MODEL	PCL-1000NR	PCL-1000NRL	PCL-2000NR	PCL-2000NRL	PCL-3000NR	PCL-3000NRL
Capacity	1kVA/1kW		2kVA/2kW		3kVA/3kW	
Input						
Voltage	208/ 220/230/240Vac, L+N+PE					
Voltage Range	110~300Vac					
Frequency Range	40-70Hz					
Power Factor	≥0.99					
THDi	≤4% (Linear load); ≤5% (Non-linear load)					
Output						
Voltage	208/220/230/240Vac ,L+N+PE					
Voltage Regulation	±1%					
Frequency	50/60Hz ± 0.1%					
THDu	≤2% (Linear load); ≤5% (Non-linear load)					
Transfer Time	Line mode to battery mode, 0ms; Inverter mode to bypass mode ,4ms					
Waveform	Pure Sine Wave					
Overlord Capacity	Line Mode: 30min@102%~110% load 10min@110%~130% load 30s@130%~150% load 200ms@>150% load			Battery Mode: 1min@102%~110% load 10s@110%~130% load 3s@130%~150% load 200ms@>150% load		
Crest Factor	3:1					
Efficiency						
Line Mode	94.5%		95.5%		95.5%	
Battery Mode	87.5%@24Vdc 88.5%@36Vdc	88.5%	89.5%@48Vdc 91.5%@72Vdc	91.5%	91.5%	
ECO Mode	98%					
Battery						
Battery Voltage	24/36Vdc	36Vdc	48/72Vdc	72Vdc	72/96Vdc	96Vdc
Battery Number	12V 9AH*2/3pcs	External	12V 9AH*4/6pcs	External	12V 9AH*6/8pcs	External
Charging Current	1A	1-12A	1A	1-12A settable	1A	1-12A settable
Communication						
Interface	RS232 / SNMP card(optional) / USB Port /AS400 (optional)					
Environment						
Operation Temperature	0~40°C					
Humidity	0~95% (non-condensing)					
Audible Noise	≤50dB					
Altitude	The altitude should not exceed 1000m,and the height above 1000m should be reduced to a maximum of 4000m.Refer to IEC62040					
Physical						
Dimension (W*D*H)mm	440*379*86	440*379*86	440*450*86(48Vdc) 440*568*386(72Vdc)	440*450*86	440*568*86(72Vdc) 440*719*86(96Vdc)	440*450*86
Weight (kg)	8.6/10	4	15.6/18.5	6.4	22.5/25	8.2