

PL3 RM SERIES HIGH FREQUENCY ONLINE UPS

6KVA-10KVA

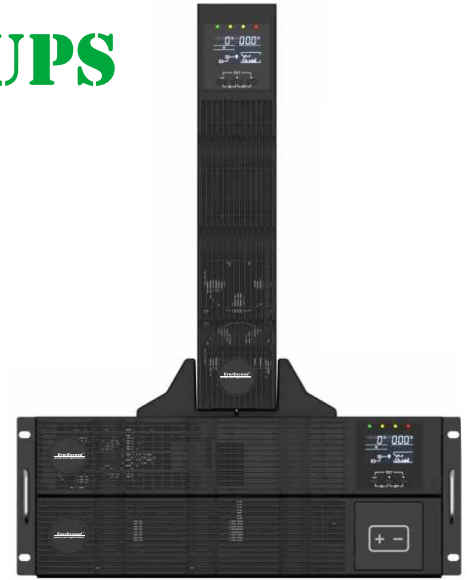
1-Phase In/1-Phase Out

Application:

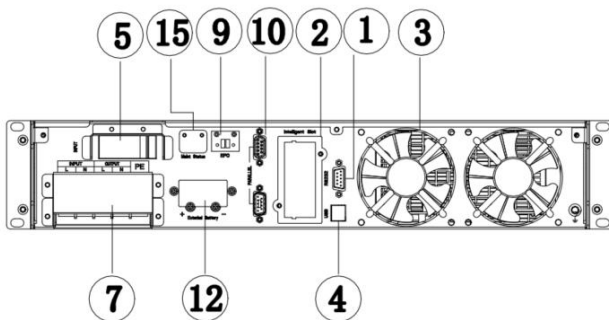
IDC(Internet Dater Center), network ,servers and workstations, control system, communication system , office , PC etc.

Features:

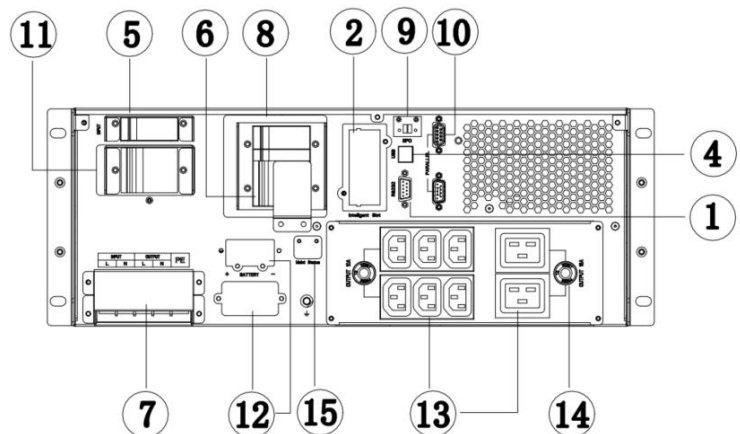
- Rack/Tower Convertible design
- True online double-conversion technology
- Digital charging design, Adjustable from 1 to 12A
- High efficiency, AC to AC 95%
- Intelligent slot, support SNMP / RS485 / AS400 card
- Auto fan speed adjustment
- Output power factor is 1, kVA/kW
- Wide input voltage range, 110Vac to 300Vac
- Emergency power off function (EPO)
- Generator compatible
- Battery cold start
- Smart RS232/USB port with monitoring software
- Hot-Swappable battery
- ECO mode operation for energy saving (ECO)
- DSP (Digital Signal Processing) technology guarantees high performance
- Advanced PFC (Power Factor Correction) technology, input PF>99%



Real Panel:



6KL/10KL



6KS/10KS

- ① RS232
- ② Smart slot
- ③ Fan
- ④ USB
- ⑤ Input breaker

- ⑥ Maintenance breaker
- ⑦ Terminal block
- ⑧ Output breaker
- ⑨ EPO
- ⑩ Parallel port

- ⑪ Battery breaker
- ⑫ External battery connection port
- ⑬ Output socket
- ⑭ Output over current protection breaker
- ⑮ Maint status

Specification:

MODEL	PL3RM6KS	PL3RM6KL	PL3RM10KS	PL3RM10KL
Capacity	6kVA/6kW			10kVA/10kW
Phase	1 Phase in/1 Phaseout			
INPUT				
Nominal Voltage	208/ 220/230/240Vac, L+N+PE			
Input Voltage Range	110~300Vac			
Input Frequency Range	50/60±6Hz			
Input Power Factor	≥0.99			
Input Current Distortion (THDi)	≤5% (linear load); ≤8% (non-linear load)			
Bypass Voltage Range	-40%~20% of nominal voltage, adjustable			
OUTPUT				
Nominal Votage	208/220/230/240Vac,L+N+PE			
Voltage Regulation	±1%			
Nominal Frequency	50/60Hz ± 0.1%			
Output Frequency	Line Mode:50/60±1/2/3/4/5/6Hz , adjustable ; Battery Mode: 50/60±0.001 Hz			
Output Power Factor	1			
Output Voltage Distortion (THDu)	≤2%@linear load; ≤5%@non-linear load			
Transfer Time	Line mode to Battery mode, 0ms;			
Crest Ratio	3:01			
Overload Capacity (Line Mode)	102%~105% load, 30min; 105%~125% load, 10min;125%~150% load, 30s; >150% load, 500ms			
Overload Capacity (Battery Mode)	102%~105% load, 10min; 105%~125% load, 1min;			
Overload Capacity (Bypass Mode)	Depending the input breaker (63A)			
Output Short Circuit Protection	Line Mode: Current limitation; Battery Mode: Current limitation; Bypass Mode: Breaker			
BATTERY				
Battery Type	Sealed Lead Acid Maintanance Free (VRLA)			
Nominal Voltage	192Vdc / 240Vdc			
Charging Voltage	Floating Charge, 2.25V/cell; Boost Charge, 2.35V/cell			
Battery Number&Capacity	16 pcs, 12V/9Ah	External	16 pcs, 12V/9Ah	External
Charging Current	1~4A, adjustable,default 1A	1-12A	1~4A, adjustable,default 1A	1-12A
Charging Mode	Two Satges (CC/Floating) or Three Stages (CC/CV/Floating, adjustable)			
Battery Protection	Battery Leakage < 500µA, Over Voltage Protection, Under Voltage Protection, Over Current Protection; Battery Deep Discharge Protection			
EFFICIENCY				
Line Mode	95.5% (Max)			
Battery Mode	95% (Max)			
ECO Mode	98.5%			
INDICATORS				
LCD Panel	UPS status, Battery Level, Load Level, Input/Outpt/Battery Voltage, Fault&Alarm Code			
Audible Alarm	Utility Failure, Battery Voltage Low, Overload, System Fault			
MANAGEMENT				
Interface	Rs232 / USB/ SNMP card(optional) /AS400 card(optional)/RS485 card(optional)			
ENVIRONMENT				
Operating Temperature	0~40 °C			
Operating Humidity	0~95% RH, non-condensing			
Storage Temperature	-15~60°C (Battery: 0-40 °C)			
Altitude	<1000m, derating 1% per 100m from 1000 ~ 2000m			
Noise (1Meter Away)	< 55dB			
PHYSICAL				
Dimension (W*D*H, unit:mm)	440*753*173	440*487*86	440*753*173	440*487*86
Net Weight (kg)	58	11	62	12
Color	Black (RAL9004)			
STANDARDS				
Safety	IEC 62040-1:2017			
EMC	IEC 62040-2:2018			
Performance	IEC 62040-3:2011			
Battery	IEC 60896-22:2004			



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