

PS 15 Series

PF : 1.0 (kVA=kW)

Module Capacity of 4, 6, 8, 10, 12, 15 & 16kVA

kVA = 4kVA ~ 50kVA



Applications:

For all kind of ADP Machines

Modular UPS combines the modular design with the N + X parallel redundancy technology.



Features:

- Advance Fully Microprocessor DSP Based True Online double conversion
- 3-Level IGBT Based Rectifier & Inverter Technology
- Wide input voltage range
- Wide input frequency range : 40-70Hz
- Input current Harmonics : <3%
- High input power factor : ≥ 0.99
- Rack Optimization battery group : 16/18/20 Nos.
- High output power factor : 1.0 (kVA=kW)
- 1-Phase & 3-Phase Input Configuration (Rack & Module Dependant)
- Emergency power off function (EPO)
- Generator compatible
- Cold start function
- Intelligent fan adjustment to extend fan life
- Each module with individual LC display
- Hot-Swappable Power Modules for Easy Maintenance
- Built-in Active Power Factor Correction
- Configurable 3-Phase & 1-Phase Input



7 inches touch screen, fully graphic operation, supporting multi-language



RACK MODEL	PS15R3MU				PS15R5MU		
Maximum Number of Modules	3				5		
Maximum Capacity	Capacity = No. of Modules x kVA of Module, Maximum Capacity = 50kVA						
Dimension (WxDxH) in mm	600 x 840 x 1000				600 x 840 x 1400		
Weight of Rack (kg)	142				156		
POWER MODULE MODEL	PS1104L16	PS1106L16	PS1108L16	PS1110L16	PS3112L20	PS3115L20	PS3116L16
Module Capacity (kVA)	4	6	8	10	12	15	16
INPUT							
Nominal Voltage	For 1 Phase: 220V / 230V / 240V AC (1Ph+N+PE) & For 3 Phase: 380V / 400V / 415V AC (3Ph+N+PE)						
Voltage Range	120V~280V AC Load Dependent (Phase - Neutral)						
Frequency Range	40-70Hz						
Power Factor	≥ 0.99						
THDi	< 3%						
Bypass Voltage Range	Max. Voltage : 25% for 220/380V, 20% for 230/400V & 15% for 240/415V Min. Voltage : -45% (Optional -10%, -20% & -30%)						
OUTPUT							
Output Voltage, Regulation	220V / 230V / 240V AC (L+N) ± 1%						
Power Factor	1.0						
Frequency Range	Auto Sensing 50 / 60 Hz ± 1~10% Mains Synchronized (Configurable), 50 / 60 Hz ±0.1Hz Battery Mode						
Crest Factor	3:1 (max.)						
Harmonic Distortion	≤ 2 %						
Transfer Time	Zero						
Waveform	Pure Sinewave						
Overload	≤ 110% for 60 min, ≤125% for 10 min, 150% for 200 ms						
Efficiency	96.5% Dual Conversion Mode, 99% ECO Mode						
Waveform	Pure Sine Wave						
BATTERY CHARGER							
Battery Quantity	16~20 Nos.						
Charging Current (Module)	16A						
Rack with UPS							
IP Protection	IP 20						
Alarm / Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC Bus Under/Over Voltage and Battery Low						
LED / LCD	UPS status, Load % / VA / W, Battery level, Input/Output voltage, Discharge timer, and Fault Code						
Display	7 inch LCD Display on rack						
STANDARDS							
Quality	ISO 9001, ISO 14001, ISO 27001, ISO 45001, ISO 50001, RoHS						
Safety	IEC/EN62040-1						
EMC/ Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE						
PHYSICAL							
Dimension W x D x H (mm) UPS Module	443 x 580 x 131 (3U)						
Net Weight (kg) UPS Module	29						
ENVIRONMENT							
Temperature	Operating: 0 ~ 50°C*, Storage: -15 ~ 60°C						
Humidity / Altitude	0-95% RH Non-condensing / <1500 m						
Noise	< 60dBA						
COMMUNICATION							
Standard	RS-232, Battery Temp. Comm., RS-485, Parallel Intelligent slot x 2, Dry Contact						
Optional	SNMP / ModBus / USB						
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000						

* Conditions Apply

Specifications are subject to change without prior notice.

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