

PS 15 Series

PF : 1.0 (kVA=kW)

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

kVA = 8kVA ~ 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 display
- Hot-Swappable Power Modules for Easy Maintenance
- Built-in Active Power Factor Correction



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 | PS3105L16 | PS3108L16 | PS3110L16 | PS3112L20 | PS3115L20 | PS3116L16 |
| Module Capacity (kVA) | 5 | 8 | 10 | 12 | 15 | 16 |
| INPUT | | | | | | |
| Nominal Voltage | 380V / 400V / 415V AC (3Ph+N+PE) | | | | | |
| Voltage Range | 208V~480V AC Load Dependent | | | | | |
| 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.