

PS 15 Series

PF : 1.0 (kVA=kW)

Module Capacity of 5, 8, 10, 12, 15kVA

kVA = 5kVA ~ 75kVA



Applications:

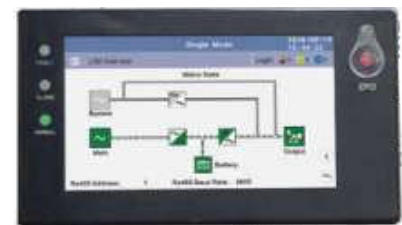
For all kind of ADP Machines

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
Module Capacity (kVA)	5	8	10	12	15
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.

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