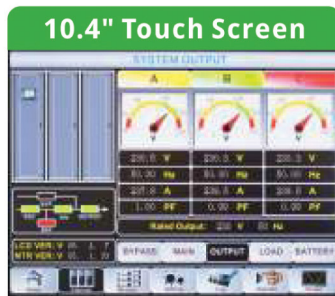


## SPS Series Modular UPS

20-300kVA  
(380V/400V/415V)  
3:3 Phase 1.0PF



Three units in parallel

SPS series is modular True online UPS for sensitive equipments. The single cabinet power rating covers from 20kVA to 300kVA with the latest 3Level IGBT, DSP control technology.

The SPS series delivers the best combination of reliability, hot-swappable and flexibility. The SPS series modular UPS provides the most compact footprint of less than 2 sqm with maximum capacity upto 900kVA.

SPS series is considered to be the best power protection solution for large data centres, as well as for PC & server, storage and Telecom Network equipments.

### Features:

- High Frequency DSP True Online Double Conversion (VFI-SS-111),
- Lower space and weight
- Support cold start function & mains auto restart
- 20 / 25 / 30KVA hot-swappable power modules for predictive power management and lowest MTTR
- 3Level IGBT based Rectifier and Inverter
- Efficiency double conversion up to 96.5% & ECO mode up to 99%
- Inbuilt Integrated PDU System easy Installation
- Input Power Factor 0.99 & EPO (Emergency Power Off)
- Standard Output PF = 1.0, Configurable to Unity
- 10" colour Touch Screen
- Intelligent and innovative Self Aging Test
- Isolated airflow with redundant fans & Air duct effectively improve
- Advance "N+X" wireless parallel & redundancy technology
- Autonomous Start-up (independent from the central display)
- Hot swappable Bypass & Advance battery management systems
- IP20 Built in Dust Filter
- Charging Current settable through LCD Display 1-30Amp



Bypass & Monitoring module



Power module



Flexible Racks to choose from 120KVA to 300KVA and Modules of 20 / 25 / 30KVA

## ► Technical Specifications of SPS Series 120~300KVA

RACK MODEL		SPSR121518M2U			SPSR2024M2U		SPSR2025M3U		SPSR2530M3U		
Rating (KVA)		120	150	180	200	240	200	250	250	300	
Dimension WxDxH (mm)		485x900x1072			482x916x1550		600x900x2000		600x1100x2000		
Weight (Kg)		140			160		179		220		
Bypass	Feature	Hot-Swappable Inbuilt Static Bypass Module; Inbuilt Maintenance Bypass Switch									
	Voltage	Max. Voltage: $\pm 15\%$ (Optional $\pm 5\%$ , $\pm 10\%$ , $\pm 25\%$ )									
	Frequency	$\pm 1\text{Hz}$ , $\pm 3\text{Hz}$ , $\pm 5\text{Hz}$									
Monitoring		7.5" Touch Screen Display + Keyboard				10" Touch Screen Display + Keyboard					
MODULE MODEL		SPSM3320L40U2			SPSM3320L40U3		SPSM3325L40U3		SPSM3325L40U3		
MODULE MODEL		SPSM3325L40U2			SPSM3325L40U3		SPSM3325L40U3		SPSM3330L40U3		
MODULE MODEL		SPSM3330L40U2			SPSM3330L40U3		SPSM3330L40U3		SPSM3330L40U3		
Dimension WxDxH (mm)		436x677x85 (2U)				440x590x134 (3U)		460x790x134 (3U)			
Weight (Kg)		18				22		34			
Module Configurations		20KVA x 06	25KVA x 06	30KVA x 06	25KVA x 08	30KVA x 08	20KVA x 10	25KVA x 10	25KVA x 10	30KVA x 10	
		30KVA x 04	30KVA x 05				25KVA x 08				
INPUT											
Nominal Voltage / Phase		380V / 400V / 415V AC (3Ph+N+PE)									
Operating Voltage Range		228V ~ 480V AC Load Dependent									
Operating Frequency Range		40Hz ~ 70Hz, Auto Sensing									
Power Factor		$\geq 0.99$									
Harmonic Distortion (THDi)		$\leq 1\%$ (Linear Load) & $\leq 3\%$ Non-Linear Load									
Generator Input / Walking		Support / 0~40 Sec ( Configurable)									
OUTPUT											
Output Voltage		380V / 400V / 415V AC (3Ph+N+PE)									
Voltage Regulation		$\pm 1\%$									
Power Factor		1.0 Standard						1.0, KVA=KW			
Frequency		Auto Sensing 50 / 60 Hz $\pm 1\sim 10\%$ Sync Mode (Configurable), 50/60 Hz $\pm 0.1$ Hz Battery Mode									
Crest Factor		3:1									
Harmonic Distortion (THDi)		$\leq 1\%$ With Linear Load, $\leq 5\%$ with Non-Linear Load									
Overload		$\geq 125\%$ for 10 min, $\geq 150\%$ for 1 min, $\geq 150\%$ for 200 ms									
Efficiency		Up to 96.5% Dual Conversion Mode, 99% ECO Mode									
BATTERY											
Battery Voltage		$\pm 240\text{V DC}$ (32 - 44, Configurable)									
SYSTEM FEATURE											
Transfer Time		Zero									
Alarm / Protections		Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC BUS Under / Over Voltage and Battery low, Lighting & Circuit breaker									
Short Circuit		Hold Whole System									
Display		LED									
ENVIRONMENTAL											
Temperature		Operating: 0~45°C, Storage: -10°C ~ 55°C									
Humidity / Altitude		0~95% RH Non-condensing / <1500 M									
Noise Level											
STANDARDS											
		<60dB									
Quality		ISO 9001, ISO 14001, OHSAS 18001, ISO 27001, RoHS									
Safety		IEC/EN62040-1									
EMC / Performance		IEC/EN62040-2; IEC/EN62040-3, IEC61000-4-3 (RS) Complying to CE									
COMMUNICATION INTERFACE											
Standard Rack: RS-232		Support Windows 98/2000/2003/XP/Vista/2008/7/8/10									
Optional		SNMP / ModBus / Dry Contact / Parallel Card / RS-485 / Dry Contact									
Monitoring Software		NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000 / Power Manager									

\*Specifications are subject to change without prior notice.

Mfd

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Dealer :

