



DAXTEN POWER

beyond limits

®
S.p.A

SINE PLUS DIGITAL SERIES

SMART SERIES

3000VA - 8000VA

The Sine Plus Digital Series UPS of DAXTEN POWER is an SMART line interactive Topology Built-in AVR equipped with 3rd Generation Micro Processor. Its full bridge design to couple with sine wave output renders it ideal for almost type of electrical load. Its extensive protection features and less component count make it the most reliable and robust UPS system

The Sine Plus Digital Series UPS is equally suited for Network Computers, Server, ATM Machines, DSL modem, Routers, LED I LCD TV, Sound System, PABX System, Fan, LED Lights, Freezers and all type of induction Motos etc.



APPLICATIONS



Network



POS



Server



Security



Medical



Banking

SALIENT FEATURE

- **Pure Sine Wave Output**
- **Microcontroller based intelligent system**
- **Smart Charging**
- **Built in three step AVR**
- **Digital LCD Display for Complete Status**
- **Real Time Auto-detection for battery condition.**
- **Long & Short Backup Solutions**
- **Protection for overload, short circuit, & over temp.**
- **Isolation between battery and AC utility.**
- **Suited for almost any -type of Electrical Load**
- **Outstanding dynamic performance.**
- **Speed control for cooling fan.**

TECHNICAL SPECIFICATION

Model	SPD-300	SPD-400	SPD-500	SPD-600	SPD-800
Power Rating (VA)	3000 VA	4000 VA	5000 VA	6000 VA	8000 VA
BATTERY VOLT	48 VDC	48 VDC	48 VDC	72 VDC	72 VDC
INPUT					
Input Supply / Frequency	220 VAC Single Phase / 45-65 Hz				
Voltage Window	140-275 VAC		165-275 VAC		
Under / Over Voltage	140- 150 /270- 275 VAC		165 - 175 1270 - 275 VAC		
Input Filtering /Protection	EMI/RFI Filter. MOV Surge Suppressor				
OUTPUT					
Output Voltage AC Mode	220 VAC nominal, Single Phase / \pm 10 %				
Overload Capacity / Current Limit	150% for 1 Sec. / 200% on Full Load				
Output Voltage on Battery / Frequency	220V AC / 50Hz.				
GENERAL					
Topology	Microprocessor Controlled Line Interactive				
Wave Form	Sine-wave. Synchronized to utility mains				
Transfer Time	2-4ms (typical)				
Power Control	ON-OFF Touch Switch				
Cold Start	activates UPS without Utility Power (with cold Start Feature)				
Battery Type	Maintenance Free Sealed & Lead Acid Batteries				
Battery Charging / Charging Current	Intelligent Quad Stage Charging. 90% For Sealed Batteries 3.5 Hrs. / 1-20A (Factory Adjustable)				
Temperature / Humidity	45 deg. (max / 95 % RH (Non - Condensing)				
Computer Interface	Rs 232 Port (1)13-9 Connector)				
Output Receptacles	Universal Socket / Terminal Blocks				
Protection	Surge, Spikes RFI, Over Load, Buttery over Discharge, Battery Over Charge, Mains Faulty, Short circuit, Over heat				
INDICATIONS					
Visual Indications	On Mains, On Battery. % Battery Capacity. % Load. Input Voltage, Output Voltage. Temperature.				
Audible Indications	Beep On Low Battery, System over load. System over heat. Error.				

Product specification are subject to change without further notice