



DAXTEN POWER
beyond limits

®

SpA

HI PERFORMANCE SERIES 313

**TRUE ON-LINE DOUBLE CONVERSION
LOW FREQUENCY LCD UPS**

10kVA - 200kVA

SALIENT FEATURES

HIGH RELIABLE

- * **Adopt twin change on-line technology, sequester extraneous interface**
- * **Favorable overload ability and protection**
- * **Design with 100% unbalance protection**
- * **100% Non Linear Load ability**
- * **IGBT, PWM inverter together with digital**

SUPER SAFETY

- * **Cold start champion UPS, industrial UPS**
- * **The output isolate transformer can avoid the destruction of abnormal signal & Lightning stoke**
- * **With static by-pass, repair by-pass, battery maintain by-pass**

APPLICATIONS



Data Center



Telecom



Industry



Network



Security



Labs



Medical



Metro



www.daxtenpower.com

TECHNICAL SPECIFICATIONS

Product Series		HI-PERFORMANCE SERIES 3/3												
Model		HPS-10	HPS-15	HPS-20	HPS-30	HPS-40	HPS-60	HPS-80	HPS-100	HPS-120	HPS-140	HPS-160	HPS-200	
Capacity	kVA	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA	80kVA	100kVA	120kVA	140kVA	160kVA	200kVA	
	kW	8kW	12kW	16kW	24kW	32kW	48kW	64kW	80kW	96kW	112kW	128kW	160kW	
Input	Bypass	Voltage	380 /400 /415 x (1 ±20%)VAC (three phases+N+G)											
		Frequency	50 x (1 ±10%)Hz											
		Power Factor	0.8(0.95 if UPS with filter)											
		Phase	Three phase 4 wires+G											
		Voltage	380 /400 /415 x (1 ±15%)VAC											
		Frequency	50 x (1 ±2%)Hz											
Output	Voltage	380 x (1 ±1%)VAC (steady state)												
	Frequency	50 x (1 ±5%)Hz (AC power mode); 50 x (1 ±0.1%)Hz (battery mode)												
	Power Factor	0.8(lagging)												
	Wave Form	Pure Sine Wave												
	Distortion	≤3% (linear load), ≤5% (non linear load)												
	Transitory Voltage of Dynamic Load	± 5%(0 ⇒100% Abrupt change)												
	Transitory Recover Time	≤ 10ms(±5%)												
	Unbalance Voltage	≤3%, < 1%(balanced load)												
	Overload Capability	150% for 1 minute, 125% for 10 minutes, more than 150% for 200ms												
	Crest Factor	3:1												
	Efficiency	≥ 90%, 95%(ECO mode)												
Battery	Type	12VDC sealed lead acid battery, maintenance free												
	Nominal Voltage	384VDC (32PCS)						396VDC (33PCS)						
	Recharge Time	≤10 hours up to 90% capacity												
	Charge Current	10~25A (adjustable)												
Transfer Time	0 ms (AC to DC or DC to AC); < 4 ms (Bypass to Inverter or Inverter to Bypass)													
LCD Display	UPS work situation, AC power situation, Battery situation, Automatic turn to bypass, Overload													
Protection	Over Voltage, Under Voltage, Over Load, Over Temperature, Short Circuit, Lightings Stroke etc.													
Alarm	Over Temperature, Battery, Bypass, AC Power Abnormal, Over Load, Over Voltage													
Noise (1m distance)	≤ 50dB			≤ 55dB			≤ 65dB			≤ 68dB				
Communicate Interface	RS232 (or RS422), SNMP card (optional), RJ45													
Cooling way	Fan													
Ambient	Temperature	0°C ~ 40°C												
	Humidity	10%~90% (no dewfall)												
	Elevation	≤ 2000m												
Size (mm)	700x520x1100			800x600x1200			800x660x1500			1200x900x1600 (80-160K)			2000x900x1800	
N.W. (kg)	210	258	350	400	480	650	900	1100	1200	1250	1380	1520		
EMC	EN50091-2, GB9254													
Ability of Antijamming	IEC61000-4													
Protection Degree	IP20													

Product specification are subject to change without further notice.