

Power

Power Station

Multi-hour runtime single phase UPS
6 and 10kVA

- Power Station PS-06 and PS-10
- Output Power Factor 1.0
- For single phase loads up to 10000 watts
- Heavy-duty 19" cabinet (42U)
- True online technology according to IEC 62040-3
- Up to 4 built-in additional 4A chargers
- Manual bypass with front access
- Optional automated transfer switch for PS-06
- 20 x Front terminal batteries up to 92Ah C10
- Fully AC and DC prewired
- Breaker panel including AC and DC fuses
- Simultaneous monitoring via SNMP and dry contacts
- LCD for UPS configuration and monitoring
- Front- and rear door with keylock
- BACS management optional
- 36 Months full warranty



When multi-hour and fully reliable backup for performance and business critical applications is mandatory, the Alpha Power Station is the turnkey solution for protecting your IT- and Server Applications, Telecommunication Systems, Industrial Applications, Process Automation, Drive and Control Technology and Security Systems

With its Powerstation, Alpha delivers a high performance, smart and effective power solution, using state-of-the-art technology and components to protect your assets and to keep your business running.



Power Station PS-06 and PS-10

Specifications		
Models	Power Station PS-06	Power Station PS-10
Input		
Voltage Window	160 to 280Vac	
Frequency	45-65Hz	
Phase/Wire	Single, Line + Ground	
Power Factor	Up to 0.99 at 100% Linear Load	
Current THD (100% linear load)	< 7%	
Output		
Voltage Window	220/230/240Vac	
Voltage Adjustment	Nominal +1%, +2%, +3%, -1%, -2% or -3%	
Voltage Regulation	±1%	±2%
Capacity	6000VA/6000W	10000VA/10000W
Rated Power Factor	1.0	
Wave Form	Sine Wave, THD<3% (no load to full load)	
Frequency Stability	±0.2% (Free Running)	
Frequency Regulation	±1Hz; ±3Hz	
Transfer Time	0ms	
Crest Factor	3:1	
Efficiency	Up to 96%	
Autonomy	Up to 160 minutes @ 6kW load in one cabinet	Up to 85 minutes @ 10kW load in one cabinet
DC Start	Yes	
Redundancy	Yes. N+1 in one cabinet with maximum 2 x 20 x 39Ah Front Terminal batteries	
Scalability	Yes. Up to 4 power units parallel connectable through CAN-bus RJ45 cables	
Cabinet		
Type	19" High End heavy-duty Rack. Lockable front- and rear door (aired perforated metal plate. Right/left mountable). Roof module with cable entry and prearrangement for ventilation. 4 heavy-duty shelves (each up to 150kg). Leveling feet.	
Dimensions (WxDxH) mm / Colour	600 x 900 x 2000 (42U) / RAL 9005, black	
Battery		
Type	All types of 12V Front Terminal Batteries (AGM, GEL ...)	
Capacity	Up to 92Ah. Depending on required runtime and load	
Quantity	In cabinet: max. 20 x 92Ah Front Terminal Batteries or 2 x 20 x 39Ah Front Terminal Batteries	
Voltage	240Vdc	
Recharge Time	5 hours to 90%. Up to four built-in extra 4A chargers	
Display		
Status On LED + LCD	Line Mode, Backup Mode, ECO Mode, Bypass Supply, Battery Low, Battery Bad/Disconnect, Overload, Transferring with interruption & UPS Fault.	
Alarms		
Audible and Visual	Line Failure, Battery Low, Transfer to Bypass, System Fault Conditions	
Interface		
Standard and communication slot(s)	RS232 standard. 2nd RS232, USB, RS485, Relay Contact or SNMP Card	
Environment		
Operating Temperature	0 - 40°C	
Humidity	90% RH Maximum, Non-Condensing	
Noise	<50dB (at 1 Meter)	
Warranty		
Standard	36 months according to warranty terms and conditions	

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