

Power

Tri Power X33 Himod **HP**

High Performance modular 3-phase UPS-System
42 to 294kW* - scalable up to 1200kW *

- Modular and scalable from 42kW to 1,2 Megawatts*
- Output Power Factor 1.0
- Unique Power Density (466kW/m²)
- Up to four fully assembled Power Cabinets parallelable
- N+1 Redundancy up to more than 1,0 Megawatts
- System-Efficiency > 96,5 Percent
- Operating Temperature up to +40°C without derating
- Weight Power Module 38kg



Alpha's latest UPS HIMOD **HP** is a modular, three-phase, double conversion uninterruptible power supply system, capable of supporting power densities of up to 466kW per square meter - making it suitable for latest high-density servers. HIMOD **HP** is a completely scalable system in accordance with any business requirements and designed to protect any critical high-density computer and IT environment, whilst achieving maximum availability. HIMOD **HP** grows along with the demands of the business without oversizing the UPS - optimizing both the initial investment and the Total Cost of Ownership. As soon as demand increases, the HIMOD **HP** modular solution can expand its power capability, maintaining the highest levels of power protection, availability, redundancy and investment savings.

HIMOD **HP** provides a comprehensive, easy-to-integrate power protection solution for data centers and any critical IT application matching the evolving demands of a networked environment. HIMOD **HP** ensures that a scalable, secure, high quality power supply is available for a variety of critical load applications in almost all industrial sectors such as healthcare, power generation, social networking, telecommunications, commerce and education.



Tri Power X33 Himod 42kW to 294kW* - scalable up to 1200kW*

Technical Specifications			
INPUT			
Nominal Voltage [V]	380 - 400 - 415 3-phase + N		
Voltage Range [V]	240 to 480V at 50% load; 320 to 480V at 100% load		
Input frequency tolerance [Hz]	40 to 72		
Input Power Factor	0,99		
THDI [%]	< 3,5		
OUTPUT			
Output Power Factor	1		
Nominal Voltage [V]	380 / 400 / 415 3-phase + N		
Nominal Frequency [Hz]	50 or 60		
Static Stability [%]	+/- 0,5		
Dynamic Stability	EN62040-3 class performance 1		
BYPASS			
Nominal Power [kW]	252 (Power Cabinet) / 126 (Powerplus Cabinet)		
Nominal Voltage [V]	380 - 400 - 415 3-phase + N		
Bypass Voltage Range [V]	from 180V (adjustable 180 - 200) to 264V (adjustable 250 - 264)		
Nominal Frequency [Hz]	50 or 60		
Overload Capability on Bypass Line	125% for 10 min; 150% for 1 min		
<p>BAT Ein Produkt der Alpha Technologies, Mitglied der Alpha Group Cor Ein Produkt der Alpha Technologies, Mitglied der Alpha Group Ve Batt Vertrieb/Distribution: ATECO EDV GmbH, Assar-Gabrielsson-Str. 1, D-63128 Dietzenbach Nun AueMail: info@ateco.de WEB: http://www.usvsysteme.de Tel: 49 (0) 6074-812220 Fax: 49 (0) 6074-812230 OV Aufgrund technischer Entwicklungen behält sich Alpha das Recht vor, Änderungen ohne Ankündigung durchzuführen Power Copyright © 2013 Alpha Technologies.</p>			
Power Factor	1		
Charging Current Power Module [A]	8		
Eco Mode Efficiency	up to 99%		
Cabinet Types	POWER CABINET	POWERplus CABINET	BATTERY CABINET
Nominal Power [kW]	294	126	n.a.
Parallelable (up to)	4	4	n.a.
Modules / Battery Drawer Kits	7 x Power Modules	3 x Power Modules 5 x Battery Drawer Kits	9 x Battery Drawer Kits
Dimensions (WxDxH)	600 x 1050 x 2000mm		
Weight [kg] w/o PM and Batteries	320	360	280
Weight Power Modul [kg]	38		
Operating Temperature Range	0°C - 40°C without Derating		
System Noise Level at 1m (dBA)	65 to 68 dBA		
IP Rating Cabinet	IP 20		
Cable Input	Rear Side either front or bottom		
Interfaces	Front: 2 x Slot (i.e. SNMP); Rear: 1 x Relay Slot; Auxiliary Signal Board		
Color	RAL9005		
Standards	Safety IEC EN 62040-1; EMV EN 62040-2 C3		

* including N+1 Redundancy