

HM-ProX Series

10-120kVA

Three-phase in/Single-phase out
On-Line Double Conversion (VFI)



Product

Stable, Smart, Simple, Saving; Reliable. HM-ProX industrial Uninterruptible Power Supply system (UPS) combines conservative design (SCR/IGBT) with proven digital control to ensure the utmost reliability in any electrical and environmental conditions. With the integration of our existing users' application and feedback, and our latest research and developments which have improving our product performance, efficiency, safety, system reliability, higher power Integration of density, intelligence and miniaturization.

Applications

- Oil and Gas industries,
- Off shore and onshore
- Refining and petrochemical plants
- Power generation plants
- Rail transport



Features

- Uses the DSP digital vector control technology which increases the performances of power components, enables an active conditioning of the load and allows personalized system settings. The result is improved reliability for the process and enhanced safety for the personnel.
- Support a variety of batteries type, automatic control of the charging voltage and current, with cold start function, and battery replacement without interrupting the UPS operation.
- The panel displays with friendly, easy detailed UPS interface information, realize UPS remote monitoring and control through input/output dry contact and SNMP card.
- 12-pulse rectifier is an option, which can enhance the input power factor and lower the Input power harmonics
- With high reliability design such as reverse voltage and short circuit protection, simple power distribution, and parallel redundancy (N+1) function

Model	HM-ProX10	HM-ProX15	HM-ProX20	HM-ProX30	HM-ProX40	HM-ProX50	HM-Pro60	HM-ProX80	HM-ProX120	
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA	50kVA	60kVA	80kVA	120kVA	
Input										
Rated AC Input	380/400/415Vac, 50/60Hz									
Voltage Range	285Vac-498Vac									
Frequency Range	45-66Hz									
Bypass										
Rated AC Input	220/230/240Vac, 50/60Hz									
Voltage Range	-40%- +20% (settable)									
Frequency Range	±2.5%, ±5%, ±10%, ± 20% (settable)									
Voltage Transient	± 0.5 - ± 3Hz (settable)									
Output										
Rated AC Output	220/230/240Vac, 50/60Hz Single-phase+ neutral)									
Power Factor	0.9									
AVR Precision	± 1%									
Voltage Transient	± 5%(0-100% load change)									
THDv	< 1 % linear load, < 4 % linear load									
Frequency Precision	±0.05%									
N+X Parallel	4									
Load Capacity	105% constant, 110% 1 hour, 125% 10mins, 150% 1mins									
Battery										
Voltage	360/72/384V (settable), 2V/6V/12V battery selectable, support lithium & nickel-cadmium battery									
Other										
Display	LCD + LED touch-screen selectable									
Temperature	0-40 °C									
Humidity	0-95% No condensation									
Noise	50dB			60dB			65dB		68dB	
Depth (mm)	720						750		855	
Height (mm)	1000						1400		1900	
Width (mm)	6-Pulse	560						800		890
	12-Pulse	/			970			1270		1415
Weight (Kg)	6-Pulse	195	205	235	255	300	460	480	550	960
	12-Pulse	/			410	420	720	750	800	1390
Rs232/485	Support windows XP/7/8/Linux/Mac									
SNMP Optional	Support remote monitoring and management via SNMP									