

INTEGRA PURE SINE By HOTEAM ACTIVE HARMONIC FILTER



SPECIFICATIONS

General electrical parameters	
Nominal voltage	400V -20/+15%
Nominal frequency	50/60Hz ±5%
Performance specifications	
Compensation current	30A, 60A, 100A, 120A, 150A per module
Compensation efficiency	Above 97%
Harmonic spectrum	2 nd to 50 th harmonics
Harmonic compensation selection	2 nd to 50 th harmonics all can be selected individually, up to 20 harmonics can be filtered simultaneously
Response time	Instantaneous response time < 0.1ms Full response time < 20ms
Neutral current compensation	3 times the RMS line current, capable of zero-sequence harmonic compensation (4-wire model)
Power factor correction	Power factor programmable from 0.6 (inductive) to 0.6 (capacitive)
Load balancing	Programmable load balancing between phases
Protections	Over-voltage, Under-voltage, Over-current, Over-temperature, etc.
Power loss	Less than 3% of rated power
HMI & communication	
Display	4.3-inch menu-based touch screen with English, Spanish, Italian, Polish and Korean Interface, other language available upon request
Communication interface	Modbus RTU (RS232/485) capable of multi-module communication
Operation configuration	
Parallel operation	Up to 12 modules (different rated currents capable)
CT requirements	3 CTs required (class 1 or better), Secondary rating: 5A
CT location	CT location programmable on site for single unit applications. When multiple APFs operate in parallel, please specify source side or load side when placing order.
Color	RAL9004 Black, other color on request
Environmental conditions	
Protection class	IP20 (higher protection class available on request)
Operation environment	Indoor, clean environment
Operation temperature	-10 ~ 40°C (higher operation temperature allowed with derating)
Storage temperature	-25 ~ 70°C
Humidity	Maximum 95% non-condensation
Altitude	1000m (higher operation altitude allowed with derating)



CE certifications



EMC



LVD

Rating	Price
35A	81.200.000
60A	122.640.000
100A	163.520.000
150A	188.160.000

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