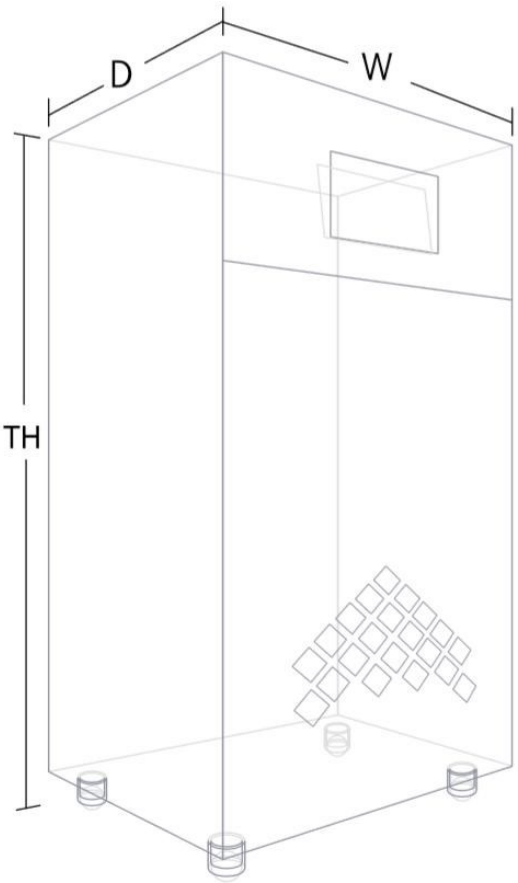
ALL IGBT Series 1000H (1Ø →1Ø)
2000H (3Ø→1Ø)

Increased capacity provides high reliability and satisfaction in protecting medium-sized solutions.

Key Features

- Rectification or Inverter Part ALL IGBT
- High-efficiency, high-performance products
- SYSTEM self-diagnosis function
- Microprocessor control circuit
- Switchable to multiple parallel systems
- Support SNMP, TCP/IP, NET WORK
- Simple control method by ON/OFF button



Application

- Data center
- General facilities
- IT equipment
- Telecommunication
- Hub and network equipment
- Precision measuring instruments
- Computer room
- Industrial

Dimension & Weight

Capacity (KVA)	Size (mm)											
	1	2	3	5	7.5	10	15	20	25	30	40	50
W	330	330	330	330	380	380	380	550	550	670	770	770
D	630	630	630	630	760	760	760	700	700	790	790	790
H	810	810	810	810	900	900	900	1125	1125	1520	1600	1600
Weight (KG) (1000H)	60	70	75	80	95	105	120	140	150	520	670	780
Weight (KG) (2000H)	70	75	85	95	110	120	135	155	165	550	695	815

Protection of Property

“Bank Backup”

“UPS is used where we continue to manage all of our assets. ”

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2000H (3Ø →1Ø)

Division		Specification									
Capacity (KVA)		1	2	3	5	7.5	10	15	20	30	50
Input	Phase	1-phase 2-wire, 3-phase 4-wire									
	Rated voltage (AC)	220Vac, 380Vac									
	Rated frequency	60Hz or 50Hz									
	Frequency range	± 5%									
	Power factor	0.95 or higher									
	Voltage distortion	3% 이내									
	Control method	Space vector PWM control using high-performance DSP									
Output	Phase	1-phase 2-wire									
	Rated voltage (AC)	220Vac									
	Voltage stability	Within 2%									
	Rated frequency	60Hz or 50Hz									
	Frequency stability	Within ± 0.5Hz									
	Transient voltage fluctuation	Within ± 8%									
	Transient response speed	Within 20mS (when returning to within ±2%)									
	Wave type distortion	Sine Wave THD 3% or less (100% Linear load)									
	Overload tolerance	130% 30 seconds				120% 10 minutes					
	Control method	PWM control by FFT analysis									
	Transformers	Non Trans Type									
	Total efficiency	Over 90									
	Noise (dBA)	Less than 50dB				Less than 55dB					
Synchronous transfer	Transfer time	Within 4mS									
	Transfer method	Non-sequential synchronous transfer method									
	Transfer conditions	Fault, output overload, DC low voltage, etc.									

General characteristics	Usage Qualification	On Line Double Conversion Type 100% Continuous use			
	Power failure alarm	Alarm sound (over-discharge continuous short sound) occurs once every 4 seconds when using the battery			
	Status Display	Display monitor by LCD, LED			
	Cooling method	Forced air cooling			
	Enclosure type	Indoor mounting type			
	Interface	RS232 or RS 485 communication port (request when ordering)			
	Temperature and humidity	0℃~40℃, 95% or less			
	Paint color	Manufacturer standard color			
	Installation location	Within 1000m above sea level (indoor)			
Battery	Rated voltage (DC)	36V	96V	240V	192~240V
	Back-up time	Designated at time of purchase			
	Battery type	Designated at time of purchase			