

AgilePower™

Uninterrupted Power Supply

>> Foundation of Digital Future



Efficiency Prefabricated.

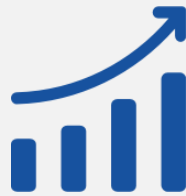
Why Work with Attom

We are data center solution experts



Quality

Products designed with heart featuring reliable quality and balanced cost to improve your business margin and performance.



Speed

A professional team always standby with service spirit and quick response to support your business agility.



Flexibility

Fully customizable as per your requirements to build your own product solution and boost your own business.

Certifications



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Uninterrupted Power Supply

Attom UPS Series Brings More Choices

Rack Mount UPS Series:

Voltage:208V/220V/230V/240V/380V/415V

Capacity Range:1~60kVA

- Standard 19" rack mount design
- Easy to install in a variety of racks
- Output PF:0.8-1.0



Modular UPS Series:

Voltage:208V/230V/380V/400V/415V

Capacity Range:20-600kVA

- Hot-swappable
- Online dual-conversion
- Output PF: 1



Tower UPS Series:

Voltage:400V

Capacity Range:10-200kVA

- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Output PF: 0.9-1.0



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 **ATTOM**

Uninterrupted Power Supply

Rack Mount UPS

Capacity Range: 3~60kVA IEC Type

The standard 19" rack mount design makes it easy to install in a variety of racks, similar to the appearance of IT equipment.



Key Features:

- High-performance MCU control for higher reliability
- Output PF:0.8-1.0
- Ultra-wide voltage input range for harsh grid environments
- Multiple protection functions such as overload, short circuit, over voltage, under voltage and bypass
- Intelligent battery management features to extend battery life
- Online double-conversion UPS
- Support multiple voltage specifications: 220-240/380-415V
- Wide capacity range up to 60k in 4U space saving dimension.
- Powerful network management function, optional SNMP, providing a variety of monitoring methods. Standard RS232 interface

Uninterrupted Power Supply

Rack Mount UPS

Capacity Range: 1~60kVA IEC Power Type



Technical Data

Model	U-001R11H	U-002R11H	U-003R11H	U-006R11H	U-010R11H	U-010R33H	U-015R33H	U-020R33H	U-030R33H	U-040R33H	U-060R33H
Capacity	1kVA	2kVA	3kVA	6kVA	10kVA	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
Parallel*	-	-	-	3	3	3	3	3	3	3	3
Input											
Input Phase	1	1	1	1	1	3	3	3	3	3	3
Voltage	208/220/230/240Vac					380/400/415Vac					
Acceptable Voltage Range	160-300Vac	160-300Vac	160-300Vac	110-300Vac		208-478Vac					
Frequency Range	40-70Hz	40-70Hz	40-70Hz	46-54Hz or 56-64Hz		40-70Hz					
Input Power Factor	≥0.99	≥0.99	≥0.99	≥0.99	≥0.99	≥0.99	≥0.99	≥0.99	≥0.99	≥0.99	≥0.99
Output											
Output Phase	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Output Voltage	208/220/230/240Vac					380/400/415Vac					
Output Power Factor	0.8	0.8	0.8	1	1	1	1	1	1	1	1
Voltage Regulation	±1%										
Current Crest Ratio	3:01										
frequency	50/60Hz										
Harmonic Distortion	≤3%(100% linear load)					≤1%(100% linear load)					
Efficiency											
AC Mode	89%	90%	90%	94%	94%	95.50%	95.50%	95.50%	95.50%	95.50%	95.50%
Battery											
Battery Voltage	24/36Vdc	48/72Vdc	72/96Vdc	240Vdc		240Vdc	384-480VDC				
Charging Current	1A Max	1A Max	4A Max.			12A Max.				16A Max.	
Common Battery	-	-	-	Support	Support	Support	Support	Support	Support	Support	Support
Environment											
Operational Condition	0-40C, 0-95%RH (no condensing)										
Physical											
Dimension (W*D*H) mm	310*438*88 (2U)	438*410*88(2U)		438*600*88(2U)		438*680*133(3U)			438*797*176(4U)		
Weight	9kg	12kg	14kg	15kg	18kg	27kg	30kg	30kg	32kg	40kg	45kg
Management											
Monitoring	RS232, Optional SNMP										

Uninterrupted Power Supply

Rack Mount UPS

Capacity Range: 3~5kVA IEC Type for Lithium

The standard 19" rack mount design makes it easy to install in a variety of racks, similar to the appearance of IT equipment.



Key Features:

- High-performance MCU control for higher reliability
- Output PF: 1.0
- Ultra-wide input range for harsh grid environments
- Multiple protection functions such as overload, short circuit, over voltage, under voltage and bypass
- Special 48Vdc system suitable for 48Vdc Lithium battery pack.
- Online double-conversion UPS
- Support multiple voltage specifications: 220/230/240V
- Parallel working up to 9 units in one group.
- Powerful network management function, optional SNMP , Modbus, providing a variety of monitoring methods. Standard RS232 interface

Uninterrupted Power Supply

Rack Mount UPS

Capacity Range: 3~5kVA IEC Type for Lithium



Technical Data		
IEC Power Lithium Type UPS Single Phase		
Model	U-003R11E	U-005R11E
Capacity	3kVA	5kVA
Input		
Input Phase	1	
Voltage	208/220/230/240Vac	
Acceptable Voltage Range	160-300Vac	110-300Vac
Frequency Range	40-70Hz	46-54Hz or 56-64Hz
Input Power Factor	≥0.99	
Output		
Output Phase	1 Phase	
Output Voltage	208/220/230/240Vac	
Output Power Factor	1.0	1.0
AC Voltage Regulation	±1%	
Current Crest Ratio	3:1	
frequency	50/60Hz	
Harmonic Distortion	≤3%(100% linear load)	
Efficiency		
AC Mode	93.5%	94%
Battery		
Battery Voltage	48Vdc	48Vdc
Charging Current	50A Max.	
Environment		
Operational Condition	0-40C, 0-95%RH (no condensing)	
Physical		
Dimension (W*D*H) mm	438*420*131(3U)	438*420*131(3U)
Weight	13kg	13kg
Management		
Monitoring Access	RS232, Optional SNMP	

Uninterrupted Power Supply

Rack Mount UPS

Capacity Range: 3~25kVA US Power Type

The standard 19" rack mount design makes it easy to install in a variety of racks, similar to the appearance of IT equipment.



Key Features:

- High-performance MCU control for higher reliability
- Output PF: 0.9-1.0
- Ultra-wide input range for harsh grid environments
- Multiple protection functions such as overload, short circuit, over voltage, under voltage and bypass
- Intelligent battery management features to extend battery life
- Online double-conversion UPS
- Support multiple voltage specifications: 120V single phase, 240V split, and 208V 3 phase.
- Parallel working up to 10units in one group.
- Powerful network management function, optional SNMP , Modbus, providing a variety of monitoring methods. Standard RS232 interface

Uninterrupted Power Supply

Rack Mount UPS

Capacity Range: 3~10kVA US Power Type



Technical Data					
120/208/240V US Power Type Series					
Model	U-003R11U	U-006R22U	U-010R33U	U-020R33U	U-025R33U
Capacity	3kVA	6KVA	10KVA	20KVA	25KVA
Input					
Input Phase	1	2	3	3	3
Voltage	100/110/115/120/127Vac	120/208Vac, 120/240Vac	120/208Vac	120/208Vac	120/208Vac
Acceptable Voltage Range	60-150Vac (L/N)	88-155 Vac (L/N)	88-155 Vac (L/N)	88-155 Vac (L/N)	88-155 Vac (L/N)
Frequency Range	40-70Hz	40-70Hz			
Input Power Factor	≥0.99	≥0.99			
Output					
Output Phase	1 Phase	2	3	3	3
Output Voltage	100/110/115/120/127Vac	120/208Vac, 120/240Vac	208/220Vac	208/220Vac	208/220Vac
Output Power Factor	0.9	1	0.8	0.9	0.9
AC Voltage Regulation	±1%	±1%			
Current Crest Ratio	5:1	3:1			
frequency	50/60Hz	50/60Hz			
Harmonic Distortion	≤3%(100% linear load)	≤2%(100% linear load)			
Efficiency					
AC Mode	90%	91%	92%	95%	95.5%
Battery					
Battery Voltage	72Vdc	±96/120Vdc		±96/120Vdc	±96/120Vdc
Charging Current	1.0A Max.	±4A		±5A	±6A
Environment					
Operational Condition	0-40C, 0-95%RH (no condensing)	0-40C, 0-95%RH (no condensing)			
Physical					
Dimension (W*D*H) mm	438*630*88(2U)	418*678*129 (3U)	418*678*129 (3U)	438*700*174 (4U)	438*700*174 (4U)
Weight	16kg	17.6kg	21kg	45kg	45kg
Management					
Monitoring Access	RS232, Optional SNMP				

Uninterrupted Power Supply

AVR Line-interactive UPS

Capacity Range: 850VA-2kVA

Line-interactive UPS systems use automatic voltage regulation (AVR) to correct abnormal voltages without switching to battery. The UPS detects when voltage crosses a preset low or high threshold value and uses transformers to boost or lower the voltage by a set amount to return it to the acceptable range.



Key Features:

- LCD display or LED display for option.
- Excellent microprocessor.
- Control optimizes reliability.
- Built super smart charger, shorten charging time.
- Power-on self test.
- Built-in self-diagnostic function.
- Off mode charging function.
- Intelligent battery management.
- Boost and buck AVR for voltage stabilization.

Uninterrupted Power Supply

AVR Line-interactive UPS

120V/220V 1P Series



MODEL	U-E08A11	U-E10A11	U-E15A11	U-E20A11
Capacity	850VA/480W	1000VA/600W	1500VA/900W	2000VA/1200W
INPUT				
Voltage	110/120 VAC or 220/230/240 VAC	110/120 VAC or 220/230/240 VAC	110/120 VAC or 220/230/240 VAC	110/120 VAC or 220/230/240 VAC
Voltage Range	81-145VAC or 140-300VAC	81-145VAC or 140-300VAC	81-145VAC or 140-300VAC	81-145VAC or 140-300VAC
Frequency Range	60/50 Hz (auto)	60/50 Hz (auto)	60/50 Hz (auto)	60/50 Hz (auto)
OUTPUT				
Voltage	110/120 VAC or 220/230/240 VAC	110/120 VAC or 220/230/240 VAC	110/120 VAC or 220/230/240 VAC	110/120 VAC or 220/230/240 VAC
AC Voltage Regulation (Bat Mode)	±10%	±10%	±10%	±10%
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz	60Hz or 50Hz ± 1Hz	60Hz or 50Hz ± 1Hz	60Hz or 50Hz ± 1Hz
Transfer time	Typical 2-6ms	Typical 2-6ms	Typical 2-6ms	Typical 2-6ms
Waveform (Bat Mode)	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave
BATTERY				
Battery Type & Number	12V/9Ah*1	12V/7Ah*2	12V/9Ah*2	12V/9Ah*2
Charging ability	4-6 hours recover to 90% capacity	4-6 hours recover to 90% capacity	4-6 hours recover to 90% capacity	4-6 hours recover to 90% capacity
PROTECTION				
Full Protections	Short circuit & overload, Bat. discharge & overcharge, Surge protection	Short circuit & overload, Bat. discharge & overcharge, Surge protection	Short circuit & overload, Bat. discharge & overcharge, Surge protection	Short circuit & overload, Bat. discharge & overcharge, Surge protection
INDICATIONS				
AC Mode	Green lighting	Green lighting	Green lighting	Green lighting
Battery Mode	Yellow flashing	Yellow flashing	Yellow flashing	Yellow flashing
Fault	Red lighting	Red lighting	Red lighting	Red lighting
Battery mode	Sounding every 10 seconds	Sounding every 10 seconds	Sounding every 10 seconds	Sounding every 10 seconds
Low battery	Sounding every second	Sounding every second	Sounding every second	Sounding every second
Overload	Sounding every 0.5 seconds	Sounding every 0.5 seconds	Sounding every 0.5 seconds	Sounding every 0.5 seconds
Battery Replacement Alarm	Sounding every 2 seconds	Sounding every 2 seconds	Sounding every 2 seconds	Sounding every 2 seconds
Fault	Continuously sounding	Continuously sounding	Continuously sounding	Continuously sounding
PHYSICAL				
Dimension, D*W*H(mm)	320*90*150	370*135*165	370*135*165	370*135*165
Net Weight (kgs)	5.8	9	10.5	11.3
QTY/20FT	1600PCS with Pallet	960PCS with Pallet	960PCS with Pallet	960PCS with Pallet
QTY/40GP	3360PCS with Pallet	2016PCS with Pallet	2016PCS with Pallet	2016PCS with Pallet
ENVIRONMENT				
Temperature & Humidity	0-90%RH / 0-40°C (Non-condensing)	0-90%RH / 0-40°C (Non-condensing)	0-90%RH / 0-40°C (Non-condensing)	0-90%RH / 0-40°C (Non-condensing)
Noise Level	≤40dB	≤40dB	≤40dB	≤40dB
COMMUNICATIONS				
RS232	Supported	Supported	Supported	Supported
USB	Supported	Supported	Supported	Supported
SNMP	Optional	Optional	Optional	Optional

※ All Specifications subject to change without notice.
Custom-made specifications are acceptable.

Uninterrupted Power Supply

Rack Mount Modular UPS

Capacity Range: 20~200kVA

Modular UPS is a hot-swappable, highly scalable online dual-conversion product that uses advanced IGBT three-level conversion and dual DSP control technology for high ease of use and reliability.



Key Features:

- compatible with 19" standard rack cabinet, convenient to be integrated into server cabinet
- Output PF: 1
- 4.3" touch color LCD, more information displayed and easier for customer to operate
- 20/25/30/50kVA power module in 2U/3U height, saving great amount of space
- System can intelligently shut down some power modules to increase total load rate, achieving higher efficiency
- Modular design, support for hot swap

Uninterrupted Power Supply

Rack Mount Modular UPS - Hot Swappable

Technical Data											
400V 3P Series IEC											
Model	U-060M33H			U-120M33H			U-180M33H		U-100M33H	U-200M33H	
Host Capacity(Max.)	40kVA	50kVA	60kVA	80kVA	100kVA	120kVA	150kVA	180kVA	100kVA	200kVA	
Input											
Input Phase	3 Phase										
Voltage	380/400/415Vac										
Acceptable Voltage Range	138-485V										
Frequency Range	40-70Hz										
Input Power Factor	≥0.99										
Output											
Output Phase	3 Phase										
Output Voltage	380/400/415Vac										
Output Power Factor	1										
AC Voltage Regulation	±1%										
Current Crest Ratio	3:1										
frequency	50/60Hz										
Transfer Time	AC mode to Battery mode: 0ms; Inverter mode to bypass mode: 0ms										
Overload	Load≤110%, 60min; ≤125%, 10min; ≤150%, 1min; >150%, to bypass;										
Harmonic Distortion	≤2%(100% linear load), ≤5%(100% nonlinear load)										
Efficiency											
AC Mode	95.5%										
Power module											
Module capacity	20kVA	25kVA	30kVA	20kVA	25kVA	30kVA	25kVA	30kVA	50kVA	50kVA	
Maximum number of modules	2			4			6		2	4	
Battery											
Battery Voltage	±180/±192/±204/±216/±228/240/±252/±264/±276/±288/±300Vdc										
Charging power Max.	20A			40A			60A		30A	60A	
Environment											
Operational Condition	0-40C, 0-95%RH (no condensing)										
Physical											
Dimension (W*D*H) mm	Host	485*835*356mm (8U)			485*835*534mm (12U)			485*835*712mm (16U)		485*750*489.5 (11U)	485*750*756.5 (17U)
	Module	440*620*86 mm(2U)						440*620*131 mm(3U)			
Weight (kg)	Host	44.5			53.5			63.5		50	72.5
	Module	20kVA	25kVA	30kVA	20kVA	25kVA	30kVA	20kVA	25kVA	50kVA	
		20.8	21.6	21.6	20.8	21.6	21.6	20.8	21.6	33	
Management											
Monitoring Access	RS485, Parallel port, SNMP(Optional)										

Uninterrupted Power Supply

Rack Mount Modular UPS - Hot Swappable

Technical Data							
208V 3P Series US Power							
Model	U-020M33U	U-030M33U	U-050M33U	U-090M33U	U-120M33U	U-150M33U	
Host Capacity	20kVA	30kVA	50kVA	90kVA	120kVA	150kVA	
Input							
Input Phase	3 Phase						
Voltage	208/230Vac						
Acceptable Voltage Range	187~260Vac (Line-Line),full load; 125V~187Vac (Line-Line), load derated linearly						
Frequency Range	40-70Hz						
Input Power Factor	≥0.99						
Output							
Output Phase	3 Phase						
Output Voltage	208/220Vac						
Output Power Factor	1						
AC Voltage Regulation	±1%						
Current Crest Ratio	3:1						
frequency	50/60Hz						
Transfer Time	AC mode to Battery mode: 0ms; Inverter mode to bypass mode: 0ms						
Overload	110% for 10 min; 125% for 1 min; 150% for 30 s; >150% for 200ms						
Harmonic Distortion	THD<1% (linear load), THD<5.5% (non-linear load)						
Efficiency							
AC Mode	95.5%			94%	94%	93.0%	
Power module							
Module capacity	10kVA			15kVA	15kVA	15kVA	
Maximum number of modules	2	3	5	6	8	10	
Battery							
Battery Voltage	±96Vdc/±120Vdc						
Charging power	20%*System Power						
Environment							
Operational Condition	0-40C, 0-95%RH (no condensing)						
Noise	58dB @ 100% load						
Physical							
Dimension (W*D*H) mm	Host	485*697*398 (7U)	485*751*575 (11U)	485*751*1033 (23U)	482*916*931 (21U)	482*916*1550 (35U)	600*1100*2000 (42U)
	Module	436*590*85(2U)			436*677*85(2U)		460*790*134(3U)
Weight (kg)	Host	42	52	85	140	160	165
	Module	16			18		32

Uninterrupted Power Supply

Floor Modular UPS

Capacity Range: 25~1000kVA

The modular UPS designed to protect any critical load for medium and larger data center achieving maximum availability. This series feature the latest technology of 3-level technology and PFC input control, which guarantees high efficiency of 95% and ultra-reliability, making it an excellent choice for medium and larger facilities.



Key Features:

- Each power module has an independent LCD, gives users' direct overview of status data and alarms in real time.
- Output PF: 1.0
- 7"/10" touch color LCD, more information displayed and easier for customer to operate
- 25~100kVA high power module, saving great amount of space.
- System can intelligently shut down some power modules to increase total load rate, achieving higher efficiency.
- Modular design, support for hot swap.

Uninterrupted Power Supply

Modular UPS

400V 3P Series

Technical Data					
Model	U-250M33H	U-300M33H	U-600M33H	U-1000M33H	
Host Capacity	250kVA	300kVA	600kVA	1000kVA	
Input					
Input Phase	3Ph+N+PE				
Voltage	380/400/415Vac				
Acceptable Voltage Range	304 ~ 478VAC: 100% load, 228 ~ 304VAC: Linear derating		323 ~ 478VAC: 100% load, 138 ~ 323VAC: Linear derating		
Frequency Range	50/60Hz(40-70Hz)	50/60Hz(40-70Hz)	50/60Hz(40-70Hz)	50/60Hz(40-70Hz)	
Input Power Factor	≥0.99	≥0.99	≥0.99	≥0.99	
Output					
Output Phase	3Ph+N+PE				
Output Voltage	380/400/415Vac				
Output Power Factor	1.0				
AC Voltage Regulation	1% for balance load; 1.5% for unbalance load		±1%	±1%	
frequency	50/60Hz		50/60Hz	50/60Hz	
Overload	<110%, 1hour; 110%~125%, 10mins; 125%~150% for 1min; >150% for 200ms		<110%, 1hour; 110%~125%, 10mins; 125%~150% for 1min; >150% for 200ms	<110%, 1hour; 110%~125%, 10mins; 125%~150% for 1min; >150% for 200ms	
Harmonic Distortion	<1% , Linear load; <5.5%, Non-linear load		<1% Linear load; <5%, Non-linear load	<1% Linear load; <5%, Non-linear load	
Efficiency					
AC Mode	95%		>97%	>97%	
ECO Mode	99%				
Battery Mode	95%		>96%	>96%	
Power module					
Module capacity	25kVA	30kVA	60kVA	100kVA	
Maximum number of modules	10	10	10	10	
Battery					
Battery Voltage	±240Vdc 40pcs(Settable: even number from 32 to 44)		±180~264VDC 30pcs derate to 0.7; 32~34pcs derate to 0.8; 36~38pcs derate to 0.9; 40~50pcs no derating	±240VDC 30pcs derate to 0.7 32~34pcs derate to 0.8 36~38pcs derated to 0.9 40~50pcs no derating	
Max. Charging power	up to 20% * Output active power		Up to 30% * Output active power	15% *Output active power	
Environment					
Operational Condition	0-40°C / 0-95%RH (no condensing)				
Noise(1 meter)	65dB@100%load, 62dB@45%load		75dB@100%load, 70dB@45%load	75dB@100%load, 70dB@45%load	
Physical					
Dimension (W*D*H) mm	Host	600*1100*2000	600*1100*2000	800*1100*2000	1800*1100*2000
	Power Module	460*790*134	460*790*134	550*750*85	440*795*174
Weight (kg)	Host	242	242	443	940
	Power Module	32.3	32.3	35.7	53.5

Uninterrupted Power Supply

Modular UPS

480V 3P Series



Technical Data					
Model	U-080M33V	U-240M33V	U-240M33V	U-400M33V	
Host Capacity	80kVA	240kVA	320kVA	400kVA	
Input					
Input Phase	3 Phase				
Voltage	480Vac				
Acceptable Voltage Range	384 ~ 528VAC: 100% load, 288 ~ 384VAC linear derating				
Frequency Range	40-70Hz				
Input Power Factor	≥0.99				
Output					
Output Phase	3 Phase				
Output Voltage	380/400/415Vac				
Output Power Factor	1.0				
AC Voltage Regulation	±1%				
Current Crest Ratio	3:1				
frequency	50/60Hz				
Transfer Time	AC mode to Battery mode: 0ms; Inverter mode to bypass mode: 0ms				
Overload	Load≤110%, long run; ≤125%, 5min; ≤150%, 1min; >150%, 300ms to bypass;				
Harmonic Distortion	≤3%(100% linear load)				
Efficiency					
AC Mode	> 96%				
Power module					
Module capacity	40KVA	40KVA	40KVA	40KVA	
Maximum number of modules	2	6	8	10	
Battery					
Battery Voltage	±240Vdc				
Charging power	20%*System Power				
Environment					
Operational Condition	0-40C, 0-95%RH (no condensing)				
Noise	72dB @ 100% load				
Physical					
Dimension (W*D*H) mm	Host Cabinet	600*980*1150	600*980*2000	1050*1100*2000	1300*1100*2000
	Power Module	510*700*178			
Weight (kg)	Host Cabinet	120	220	350	450
	Power Module	44			

Uninterrupted Power Supply

Tower Type UPS, 3-phase in / 3-phase out

Capacity Range: 10~200kVA

Designed in small footprints with DSP technology and active input power factor correction design to ensure better output voltage conditions, power quality and power performance at all times..



Key Features:

- True double-conversion
- DSP technology guarantees high performance
- High power factor: 0.9-1.0
- Active power factor correction in all phases 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- SNMP+USB+RS-232 multiple communications
- 3 -stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run model
- Maintenance bypass available
- Optional parallel operation up to 4 units
- 7" touch LCD panel
- Optional Isolation transformer

Uninterrupted Power Supply

Tower Type UPS

400V 3P Series



Technical Data									
Model	U-020T33H	U-030T33H	U-040T33H	U-060T33H	U-080T33H	U-100T33H	U-120T33H	U-180T33H	U-200T33H
Capacity	20kVA	30kVA	40kVA	60kVA	80kVA	100kVA	120kVA	180kVA	200kVA
Input									
Input Phase	3 Phase with Neutral								
Voltage	3 x 400 VAC								
Acceptable Voltage Range	190-520 VAC (3-phase) @ 50% load ; 305-478 VAC (3-phase) @ 100% load								
Frequency Range	40-70 Hz								
Input Power Factor	≥ 0.99 @ 100% Load								
Output									
Output Phase	3 Phase								
Output Voltage	3 x 360*/380/400/415 VAC								
Output Power Factor	1.0								
AC Voltage Regulation	±1%								
Current Crest Ratio	3:1								
frequency	50/60Hz								
Transfer Time	0								
Overload	AC Mode: 100-110% for 60 min, 110-125% for 10 min, 125-150% for 1 min, >150% 400ms								
Harmonic Distortion	≤ 2% THD (Linear Load) ; ≤ 5% THD (Non-linear Load)					≤ 1% THD (Linear Load) ; ≤ 3% THD (Non-linear Load)			
Parallel Capacity	4					2			
Efficiency									
AC Mode	95.5%					95.5%			
ECO Mode	99%					98.5%			
Battery Mode	94.5%					94.5%			
Battery									
Battery Voltage - Vdc	384~480(32-40pcs adjustable)								
Charging Current - A	1-12			2-24		2-36		3-54	
Environment									
Operational Condition	0-40C, 0-95%RH (no condensing)								
Noise Level	<58dB@1 meter	< 65dB@1 meter	< 70dB@1 meter	< 70dB@1 meter	< 75dB@1 meter	< 75dB@1 meter			
Physical									
Dimension (W*D*H) mm	250*630*826	300*815*1000		360*790*1010		600*974*1600			
Weight - kg	40	65	67	110	116	250	250	340	345
Management									
Monitoring Access	RS232 or Optional SNMP								

Uninterrupted Power Supply

Tower Type UPS

208V 3P Series



Technical Data						
Model	U-015T33U	U-020T33U	U-030T33U	U-050T33U	U-060T33U	U-090T33U
Capacity	15kVA	20kVA	30kVA	50kVA	60kVA	90kVA
Input						
Input Phase	3 Phase with Neutral					
Voltage	3 x 208 VAC					
Acceptable Voltage Range	121-270 VAC (3-phase) @ 50% load ; 153-253 VAC (3-phase) @ 100% load					
Frequency Range	46Hz ~ 54 Hz @ 50Hz system; 56Hz ~ 64 Hz @ 60Hz system					
Input Power Factor	≥ 0.99 @ 100% Load					
Output						
Output Phase	3 Phase with Neutral					
Output Voltage	208V/220V(Ph-Ph) / 120/127V(Ph-N)					
Output Power Factor	0.9					
AC Voltage Regulation	±1%					
Current Crest Ratio	3:1					
frequency	50/60Hz					
Transfer Time	0ms					
Overload	AC Mode: 100%~110%: 60min; 111%~125%: 10min; 126%~150%: 1min; >150%: 400ms					
Harmonic Distortion	≤ 2 % @ 100% Linear Load; ≤ 5 % @ 100% Non-linear Load					
Efficiency						
AC Mode	93.5%					
ECO Mode	98.5%					
Battery Mode	92.5%					
Battery						
Battery Voltage - Vdc	192-240(16-20pcs adjustable)					
Charging Current - A	1-12		1-18		2-36	3-54
Environment						
Operational Condition	0-40C, 0-95%RH (no condensing)					
Noise Level	<65dB@1 meter		< 70dB@1 meter		< 75dB@1 meter	
Physical						
Dimension (W*D*H) mm	300*815*1000			600*974*1600		
Weight - kg	55	58	87	250	250	340
Management						
Monitoring Access	RS232 or Optional SNMP					

AgileLi Battery System

Lithium-iron Battery Module | UPS Type

Lithium iron phosphate battery is ideal for UPS power system with its longer life, less space, less maintenance, and higher efficiency.



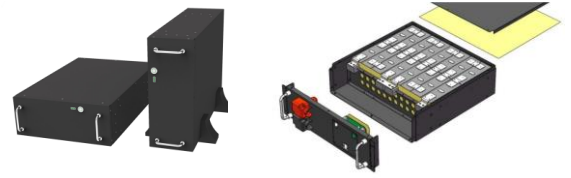
Key Features:

- Safety by full protection including over-current, over-charge, over-discharge, and short-circuit, etc.
- Rack mount compact size easy to install and integrate into data center solutions.
- Parallel working up to 9 sets or 16 set, flexible for configuration and expansion.
- Intelligent BMS system for reliable working, alarm reporting, and remote monitoring.
- Designed for UPS, no need complex protocol coupling.
- Rear wiring connections suitable for rack deployment.
- 1C – 12C discharge current can match the supported power loads.

AgileLi Battery System

Lithium Battery

- UPS Type



Technical Data

Model	B-025E096RL	B-025E192RL	B-025U192RL	B-025E384RL	B-050E512RL-12C	B-050E512RL-4C	B-100E512RL-4C	B-100E512RL-2C	B-200E512RL-1C	AES±128050-02B-UH	AES±128100-02B-UH
Core Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Mount Type	In-Rack	In-Rack	In-Rack	In-Rack	In-Rack	In-Rack	In-Rack	In-Rack	In-Rack	In-Rack	In-Rack
Nominal Capacity - Ah	25	25	25	25	50	50	100	200	200	50	100
Nominal Voltage - Vdc	102.4	204.8	±102.4	±204.8	±256	±256	±256	±256	±256	±128	±128
Nominal Power - kWh	2.56	5.12	5.12	10.24	25.6	25.6	51.2	51.2	102.4	12.8	25.6
Max. Discharge	100A(4C)	100A(4C)	100A(4C)	100A(4C)	600A(12C)	200A(4C)	400A(4C)	200A(2C)	200A(1C)	200A(4C)	200A(2C)
Cycle Life	4000 times	4000 times	4000 times	4000 times	4000 times	4000 times	4000 times	4000 times	4000 times	4000 times	4000 times
Width - mm	440	440	440	440	440	440	440	440	440	440	440
Depth - mm	680	680	680	680	666	570	660	440	768	570	440
Height - mm	4U	4U	4U	8U	28U	26U	42U	38U	38U	17U	22U
Weight	40kg	60kg	60kg	120kg	350kg	350kg	590kg	460kg	830kg	233kg	274kg
Self-discharge	<3%/month	<3%/month	<3%/month	<3%/month	<3%/month	<3%/month	<3%/month	<3%/month	<3%/month	<3%/month	<3%/month
Communication	RS485/DO	RS485/DO	RS485/DO	RS485/DO	RS485/DO	RS485/DO	RS485/DO	RS485/DO	RS485/DO	RS485/DO	RS485/DO
Environment	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH	0-40C <95%RH

Notes:

- 1). If there are custom requirements, please communicate with our technical staff to confirm before placing an order.
- 2). Product specifications are subject to change without further notice.

Battery System

VRLA Battery

VRLA battery (valve-regulated lead-acid battery) is a lead acid rechargeable battery because of their design, and does not require regular addition of water, also vent less gas than flooded lead-acid batteries.



Key Features:

- VRLA batteries are designed with AGM (Absorbent Glass Mat) technology, high performance plates and electrolyte to give extra power output for common power backup system.
- VRLA Batteries are the general purpose batteries with 10 years floating design life at 25C.
- Meeting with IEC, BS, JIS and Eurobat, UL(MH62092), and CE standard.

Technical Data										
Model	12V9AH-08	12V9AH-16	12V9AH-20	12V9AH-40	12V24AH	12V40AH	12V65AH	12V100AH	12V150AH	12V200AH
Module Type	Battery Pack	Battery Pack	Battery Pack	Battery Pack	Battery Cell	Battery Cell	Battery Cell	Battery Cell	Battery Cell	Battery Cell
Nominal Voltage	96Vdc	192Vdc	240Vdc	480Vdc	12V	12V	12V	12V	12V	12V
Capacity(10h)	9Ah x8	9Ah x16	9Ah x20	9Ah x40	24Ah	40Ah	65Ah	100Ah	150Ah	200Ah
Dimension (WxDxH mm)	436x638x88	436x668x88	436x668x132	436x668x176	165x126x174	198x166x174	350x167x178	331x174x240	484x171x241	522x240x224
Weight (kg)	28	48	56	90	8.1	13	20.5	30	44	60

Efficiency Prefabricated.



Battery System

VRLA Battery Cabinet

AP series VRLA battery a modular design battery housing system with strong steel-frame, safe anti-leaking battery tray, and battery breakers box. The unique design supports flat-pack shipment for easier transportation.



Technical Data		
Model	AP20	AP40
Capacity	20x 100AH 20x 65AH 40x 38AH 60x 24AH 88x 17AH Batteries	40x 100AH 40x 65AH 80x 38AH 120x 24AH 176x 17AH
Dimension (W x D x H mm)	505*1040*1112	992*1040*1112
Weight (kg)	53	95

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being totally connected.
The digital connections are
creating smart intelligence
and a better future.

We design and deliver
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