



ONLINE UPS

1KVA – 10KVA [1:1 Phase]



SPECIAL FEATURES:

- True on-line dual conversion design
- Generator Compatible
- All Protections over/low-voltage, overcurrent, overload
- Intelligent Battery Management, extended battery life
- Intelligent Self diagnose function, all kinds of fault protection
- Modularized design of subsystems
- Bypass back feed protection, battery leakage protection
- Parallel Redundancy design, increase the system reliability
- Customizable wide input voltage range
- Large size input LCD display on front panel

APPLICATION:

- ⦿ IT device
- ⦿ Data center
- ⦿ Telecommunication
- ⦿ Industry
- ⦿ Computers room
- ⦿ Precision instrument
- ⦿ Intelligent equipment
- ⦿ Server, router, network device

Technical Specification

MODEL		2100HS	2150HS	2200HS	2300HS	2B6K	2B10K
		2100HS-L	2150HS-L	2200HS-L	2300HS-L	2B6K-L	2B10K-L
CAPACITY (VA Rating)		1.0 KVA	1.5 KVA	2.0 KVA	3.0 KVA	6.0 KVA	10.0 KVA
INPUT	Voltage	Single Phase, 110Vac~ 290Vac					
	Frequency	50 Hz (60 Hz on request) $\pm$ 5%					
	Power factor	> 0.98% (full load)					
OUTPUT	Voltage	220Vac					
	Voltage Regulation	220Vac $\pm$ 0.5%					
	Transient Response	$\pm$ 3~4% under full load, change and corrected within 2 ms					
	Wave form	Pure Sinewave THD<3%					
	Power factor	0.7 ~ 1 (lagging)					
	Frequency	50 / 60Hz, $\pm$ 0.5%					
	Crest Factor	3:1					
	Overload	Continuous alarming, switch to bypass, auto recovery upon removing of load					
	Overload Capacity	<110% load Continuous					
		110-125% load 12 Minutes					
		125-150% load 10 Minutes					
		>150% load: by pass					
Battery	Battery Type	Maintenance free lead-acid batteries					
	DC Voltage	36VDC	48VDC	72VDC	96VDC	192VDC	192VDC
	Backup time	15-30 minutes depending on load					
	External Battery	Up to 8 hours long time backup depends on external battery					
	Supplementary Charger	Optional 200W/500W charger for extended back-up application					
	Recharge time	5~8 hours					
	Cold Start	Yes, UPS cab be started without AC source					
	Battery Cabinet	Internal Battery (External Battery back is optional)					External Battery back
TRANSFER TIME		Zero (0) millisecond, Inverter to Bypass (Overload)					
PROTECTIONS		High Voltage, Overload, Overheating, bypass, Short circuit, Noise Filtering, Spike, Surge					
EMI FILTER		10~100 KHz at 40dB, 100KHz~100MHz at 70Db					
ALARM	Audio alarm	Keep 90 seconds at a time interval of 4 seconds					
	Battery Low	Auto shutdown upon complete discharge of battery and auto tum-on upon recovery of utility power					
	Fault	Continuous alarming					
INTERFACE		RS232 / SNMP					
SOFTWARE MANGEMENT		AC fault, low battery, intelligent software for shutdown by remote control					
TRANSFORMER TYPE		Built-in Galvanic Isolation Transformer					
General	Dimensions (mm)	215x410x145	330x470x190	485x450x190		585x230x580	480x340x845
	Weight (KG)	15 / 8.5	30 / 14	38 / 17	40 / 19	77 / 126	106
OPERATING ENVIRONMENT	Temperature	0 ~ 40°C (32 - 104°F)					
	Humidity	30 ~ 90% non-condensing					
	Attitude	<1500M above sea level					
	Audio noise	<53dB-65dB at 1 meter distance					

Customized different specifications are available (if required)

All specifications mentioned above are subject to change without prior notice.

Manufacturer

Apollo Power Technology Co. Ltd.

8F, No.165, Shin-Yi Road, Baqiao District,

New Taipei City 22061, Taiwan;

<https://apolloupstw.com>

