

Hybridon Online UPS 1-10KVA

Specifications:

Model	RT1K	RT2K	RT3K	RT6K	RT10K
VA/W	1KVA / 0.8KW	2KVA / 1.6KW	3KVA / 2.4KW	6KVA/4.8KW	10KVA/8KW
INPUT					
Nominal Voltage	220VAC				
Voltage Range	115 ~ 300VAC			120 ~ 276VAC	
Frequency Range	46 ~ 54Hz(default)			46 ~ 54Hz	
Power Factor	0.8				
Connection	IEC320-10A inlet		IEC320-16A inlet	Terminal Block	
OUTPUT					
Voltage	220/ 230/ 240VAC ± 1%				
Frequency	50/ 60Hz ±4Hz (Line mode)			50/ 60Hz±0.2Hz (Battery mode)	
Waveform	Pure Sine Wave				
Overload Capability	108%~150% for 30 sec., 150% for 300 ms			105%~125% for 1 min., 125%~135% 30S Bypass	
Current Crest Ratio	3:1				
BYPASS					
Automatic Transfer	On Overload and UPS Failure				
TRANSFER TIME					
Transfer Time	0 ms; less than 4 ms from inverter to bypass and vice versa			Zero	
LED INDICATORS					
Status	Load level / Battery level, Battery , Utility Power, Inverter, Bypass, Overload, Fault				
ENVIRONMENT					
Operating Temperature	0 ~ 40°C				
Operating Humidity	20 ~ 90% non-condensing				
PHYSICAL					
Dimension D*W*H(mm)	465 x 480 x 88 (2U)			482.6 x 600 x 130 (3U)	
Net Weight(kgs)	18	13	14	20	
BATTERY PACK					
Type	Internal Batteries		External Battery Pack		
Nominal DC Voltage	36VDC		96VDC		196VDC
Backup Time (Full load)	5 min	9 min		7 min	
		(with 1 BP)		(with 1 BP)	
Dimension D*W*H(mm)	465 x 480 x 88			482.6 x 600 x 130 (3U)	
Net Weight(kgs)	8	13.5		41	
* Product Specifications are subject to change without further notice.					

Hybridon Online UPS 6-10KVA

Specifications:

Model	D6K	D6KS	D10K	D10KS
Capacity(VA/W)	6KVA/5.4KW		10KVA/9KW	
INPUT				
Phase	1PH 2W+G			
Voltage Range	120 ~ 276VAC			
Frequency	46~64Hz; 50~60Hz Autoadaptation			
Power Factor	>0.99			

OUTPUT				
Voltage Range	220/ 230/240* (1±1%) VAC			
Frequency Range	Main Mode: (46 ~ 54)Hz/(56 ~ 64)Hz		Battery Mode: 50 Hz(± 0.1%) Hz or 60 Hz(± 0.1%) Hz	
Crest Ratio	3:1			
Power Factor	0.9			
Wave Form	Pure Sine wave			
Outlet	Hard Wiring with Terminal Block			
TRANSFER TIME				
Transfer Time	Zero			
Inverter To Bypass	Zero			
INDICATOR				
LED Panel	Load/ Battery Capacity/ Main Mode/ Bypass Mode/ Fault			
LCD Panel	Load/ Battery/ Input/ Output/Operation Mode			
ENVIRONMENT				
Operating Environment	0- 40°C			
Humidity	20-90 % (non-condensing)			
Noise Level	< 60dB @ 1 Meter			
Temperature	-25°C – 55°C(no battery)			
OTHER				
Protection	Load<105%, Keeping working; 105%1min; 125% 30sec			
Efficiency	Up to 92%			
Battery Inbuilt	16pcs*12V/7.2Ah/ 9Ah			
Battery DC Voltage	DC192V			
PHYSICAL				
Dimension D*W*H(mm)	248*500*616	240*500*460	248*500*616	240*500*460
Net Weight(kgs)	57	18	67.5	20
MANAGEMENT				
Smart RS-232/USB	Supports Windows®98/2000/2003/XP/Vista/2008,Windows®7, Linux, and MAC			
Optional SNMP	Power management from SNMP manager and web browser			
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Hybrid Online UPS 1-3KVA

Specifications:

Model	C1K	C1K(S)	C2K	C2K(S)	C3K	C3K(S)
CAPACITY	1000 VA/800 W		2000 VA/1600 W		3000 VA/2400 W	
INPUT						
Phase	Single phase with ground					
Voltage Range	145~ 275VAC/110~300VAC					
Frequency Range	40 Hz ~ 70 Hz; 50/60Hz Autoadaptation					
Power Factor	≥0.99					
OUTPUT						

Voltage Range	220*(1±1%)VAC		
Frequency Range	Main Mode: (47 ~ 52.8Hz) 50Hz Battery Mode: 50 Hz ± 0.2 Hz or 60 Hz ± 0.3 Hz		
	(57 ~ 62.8Hz) 60Hz		
	Synchronized Range		
Current Crest Ratio	3:1		
Power Factor	0.8		
Output Waveform	Pure Sine Wave		
Outlet	IEC*4	IEC*4	IEC*3+Terminal
TRANSFER TIME			
AC to DC	Zero		
Inverter to Bypass	<4 ms (Typical)		
INDICATORS			
LED Panel	Load/ Battery Capacity/ Main Mode/ Bypass Mode/ Fault		
LCD Panel	Load/ Battery/ Input/ Output/Operation Mode		
ENVIRONMENT			
Operating Environment	0- 40°C		
Humidity	20-90 % (non-condensing)		
Noise Level	< 60dB @ 1 Meter		
Temperature	-25°C – 55°C(no battery)		
OTHER			
Protection	Load<110%, Keeping working; 110%1min; 130% Immediately		
Efficiency	Up to 90%		
Battery Inbuilt	2pcs*12V/7.2AH	6pcs*12V/7.2AH	
Battery DC Voltage	DC24V/36V	DC72V/96V	

PHYSICAL						
Dimension D*W*H(mm)	400 X145 X 220		460 X 192 X 348		460 X 192 X 348	
Net Weight(kgs)	10.75	7.5	27.5	15	28.5	16
MANAGEMENT						
Smart RS-232/USB	Supports Windows®98/2000/2003/XP/Vista/2008,Windows®7, Linux, and MAC					
Optional SNMP	Power management from SNMP manager and web browser					
* Product Specifications are subject to change without further notice.						

UPS

Uninterrupted Power Supply (UPS)