HUBNETIX PRIME 33T HPK Series 10-80KVA 3 PHASE UPS





Description

HUBNETIX PRIME HPK 33T Series 3:3 Phase UPS, available in capacities ranging from 10 KVA to 80 KVA. Engineered to provide reliable and seamless power protection, this UPS series integrates advanced technology with superior adaptability. Featuring a high power density design, it ensures exceptional performance and flexibility, making it ideal for critical applications. Key highlights include intelligent monitoring, energy-saving modes, and comprehensive protection, all contributing to optimal functionality across a wide range of environments.

Features

- · High Power Density Design with online double-conversion technology and DSP control for stable power.
- N+X Parallel Redundancy: Up to 4 units in parallel.
- Input Voltage: 208-478Vac, Frequency: 40-70Hz.
- Optimized Battery Configurations: Designed for extended runtime and efficient performance, with flexible battery support options.
- Maximum Charging Current: 20A (adjustable).
- Dual Input Source (optional for standard units).
- Display Options: 2.4-inch TFT LCD (7-inch optional).
- ECO Mode for energy savings and Intelligent Fan Speed Regulation.
- Cold Start and Generator Compatibility for reliable backup.
- Frequency Converter Mode: 50/60Hz.
- Supports 100% Unbalanced Load for reliable performance under uneven load conditions.
- · Comprehensive Protection: Short-circuit, overload, overheat, and alarms for battery, low voltage, and faults.
- Multiple Communication Interfaces: USB, RS232, RS485, parallel port, dry contact. Optional SNMP card, relay card, and battery temperature sensor.

Applications

IDC (Internet Dater Centre), Network, Servers and Workstations, Control system, Communication system, Office, PC, Health Care, Industrial



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Product Specification

	Part#		HPK-PT3310L	HPK-PT3315L	HPK-PT3320L	HPK-PT3330L	HPK-PT3340L	HPK-PT3380L
Section Sect	Capacity		10kVA / 9kW	15kVA / 13.5kW	20kVA / 18kW	30kVA / 27kW	40kVA / 36kW	80kVA / 72kW
306 - 478/4c (Full load); 208 - 478/4c (5016 load) 200 certified requency range	Input							
According frocuency range Ad - 70Hz (50/80Hz Aulo-Sansing) Advisor Status According to According to Status According to According to Status According to Accordi	Nominal voltag	ge			380/400/415V	ac (3Ph+N+PE)		
Select Solid Sol	Operating voltage range							
Max.voltage range	Operating frequency range		40~70Hz (50/60Hz Auto-Sensing)					
2300': ±20% (Optional +10%, +15%) 2400': ±15% (Optional +10%) 2500': ±15% (Optional +10%)	Power factor				≥(0.99		
Same as bypass Same	Bypass voltage range		230V: +20% (Optional +10%, +15%) 240V: +15% (Optional +10%)					
Dutput	Frequency pro	tection range			50/60H	lz±10%		
Dutput voltage	ECO range		Same as bypass					
Collage regulation	Harmonic distortion (THDi)		≤3% Linear load					
\$ 17% \$ \$ \$ \$ \$ \$ \$ \$ \$	Output							
Dutput Line mode Exercises Exerci	Output voltage							
Dutput Enter mode ± 1%/± 2%/± 4%/± 56%/± 10% of the rated frequency (Optional)	Voltage regulation							
Section Sect	Power factor							
AC mode to Bat.mode (mis Inventer to Bypass 0ms Pure Sinewave	Output							
Transfer time	rrequency Bat. mode							
Pure Sinewave Pure Sinewa	Transfer time							
Ac mode	Output waveform							
AC mode	Crest factor		3:1					
## Depretion Bat mode \$110% 10min, \$125% 1min, \$150% 5s, > 150% immediately shut down ### Efficiency	Harmonic disto	ortion (THDv)						
Efficiency Efficiency Battery Battery 30	Overload	AC mode	≤110% 60min, ≤125% 10min, ≤150% 1min, >150% immediately turn to bypass					
### Stattery Up to 93.5% Up to 94.5% ### Stattery Up to 93.5% Up to 94.5% ### Stattery Up to 93.5% Up to 93.5% ### Stattery Up to 93.5% Up to 94.5% ### Stattery Up to 93.5% ### Stattery Up to 94.5% ### Stattery Up			≤110% 10min, ≤125% 1min, ≤150% 5s, >150% immediately shut down					
## Sattery 10~30kVA: ±96/108/120Vdc; battery quantity (16~20pcs, 16pcs default, Standard unit and 20pcs no power derating; 18pcs output power factor 0.8/0.9; 16pcs output power factor 20.8/0.9; 16pcs 20.8/28/28/28/28/28/28/28/28/28/28/28/28/28	Efficiency	1						
10-30kVA: ±96/108/120Vdc; battery quantity (16~20pcs, 16pcs default, Standard unit and 20pcs no power derating; 18pcs output power factor 0.8/0.9; 16pcs output power factor 0.7/0.8)	Efficiency		Up to 93.5%			Up to 94.5%		
20pcs no power derating; 18pcs output power factor 0.8/0.9; 16pcs output power factor 0.8/0.9; 16pcs output power factor 0.7/0.8) 216/228/240/252/264/ 276/288/300Vdc (30/32/34/36/38/40Vdz)/(25/28/28/240/252/264/276/288/300Vdc (30/32/34/36/38/40Vdz)/(30/32/34/36/38/40/42/44/46/48/50pcs supportable) Charge Current 14A (Max.) 16A (Max.) 18A (Max.) 20A (Max.) 20A (Max.) 30A (Max.) Physical W N D H Long run unit 250 × 580 × 655mm 360 × 828 × 868mr 40kg 43kg 46kg 122kg Environmental Deparating temperature 50 ~ .0°C Storage temperature -25 ~ 55°C (No battery) Humidity range 4/1500m, derating required when>1500m Noise level <55dB <58dB <61dB <64dB <63dB Standards Safety 126/28/24/24/25/22/64/ 276/288/300Vdc (30/32/34/36/38/40/42/24/4/6/8/8/50pcs supportable) 216/228/24/025/22/64/ 276/288/300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs supportable) 216/228/24/025/22/64/ 276/288/300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs supportable) 216/228/24/025/22/64/ 276/288/300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs supportable) 220A (Max.) 20A (Max.) 30A (Max.) 30A (Max.) 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 250 × 580 × 655mm 360 × 828 × 868mr 46kg 122kg 260 × 828 × 868mr 46kg 122kg 270 × 60 × 60 × 60 × 60 × 60 × 60 × 60 ×	Battery							
(30/32/34/36/38/40/42/44/46/48/50pcs supportable) (50pcs) (50pcs)	Battery voltage		20pcs no power derating; 18pcs output power factor 0.8/0.9; 16pcs output power factor 216/228/240/252/264/ 276/288/300Vdc (30/32/ 276/288/ 276/288/300Vdc (30/32/ 276/288/288/288/288/288/288/288/288/288/28					
Physical W × D × H Long run unit 360 × 828 × 868 mm Net weight Long run unit 35kg 39kg 40kg 43kg 46kg 122kg Environmental Operating temperature 0 ~ .0°C 0°C 0°								optional)
W × D × H Long run unit	Charge Current	t	14A (Max.)	16A (Max.)	18A (Max.)	20A (Max.)	20A (Max.)	30A (Max.)
Net weight Long run unit 35kg 39kg 40kg 43kg 46kg 122kg Environmental Operating temperature O ~ . 0°C Storage temperature -25 ~ 55°C (No battery) Humidity range O ~ 95% (Non condensing) Altitude <1500m, derating required when>1500m <55dB <58dB <61dB <64dB <63dB Standards Safety IEC/EN 62040−1, IEC/EN 62477−1	Physical							
Operating temperature 0 ~ ⋅ 0 °C Storage temperature -25 ~ 55 °C (No battery) Humidity range 0 ~ 95% (Non condensing) Altitude <1500m, derating required when>1500m Noise level <55dB	W×D×H Net weight		35kg	39kg		43kg	46kg	360 × 828 × 868mm 122kg
Catorage temperature	Environm	ental						
Catorage temperature	Operating tem	perature			0~	4.0℃		
Altitude <1500m, derating required when>1500m Noise level <55dB	Storage temperature							
Noise level <55dB <58dB <61dB <64dB <63dB < Standards Bafety	Humidity range							
Standards Bafety IEC/EN 62040-1, IEC/EN 62477-1	Altitude		<1500m, derating required when>1500m					
EC/EN 62040-1, IEC/EN 62477-1	Noise level		<5	5dB	<58dB	<61dB	<64dB	<63dB
	Standard	S						
	Safety		IEC/EN 62040-1. IEC/EN 62477-1					
	EMC		IEC/EN 62040-2 (IEC 61	1000-4-2, IEC 61000-4-3		,	IEC 61000-4-8. IEC 6100	10-4-11, IEC 61000-2-2

Specifications are subject to change without prior notice
 Data above are typical values for reference only, not as a basis for engineering design