

D Series

1~10KVA

Online UPS high frequency
(Smaller Size)



Basic Features



- Advanced work mode
- Adopting the power factor correct (FFC) technology
- DSP full digitalization control
- N+X parallel redundancy function (above 6K model)
- Through innovative optimized battery group function design
- Realizes the plan elastic demand, saves the cost of investment.
- Increases system reliability, prolongs UPS using life.
- Support charger expansion function
- Considerate and reliable protection
- Intelligent management

Specification (1~3 kVA)

Model		D1K	D1KS	D2K	D2KS	D3K	D3KS
Output Capacity		1KVA/0.8KW		2KVA/1.6KW		3KVA/2.4KW	
Input	Voltage	120Vac~300Vac					
	Frequency	45~65Hz (Auto sense)					
Output	Voltage	220/230Vac± 1%					
	Frequency	50/60Hz± 0.5Hz					
Output waveform		Sine wave					
Transfer time		Zero					
Battery		7Ah/9Ah×2	External Batt.	7Ah/9Ah×4	External Batt.	7Ah/9Ah×6	External Batt.
DC Voltage		----	36VDC	----	72VDC	----	96VDC
Battery type		Free maintenance seal lead acid battery					
Overload Capability		105%~120% output switch to bypass after 10 sec; 120%~150% switch to bypass after 200 ms; over 150% shutdown immediately					
Crest Ratio		3: 1 (max)					
Distortion (full load)	Linear load	< 3%					
	Non-linear load	< 6%					
Communication interface		Rs232+Intelligent Slot, Rs232 to USB cable (optional)					
Working temperature		0° C— 40° C					
Relative humidity		20~90% (non-condensing)					
Dimension(DxWxH)(mm)		380×85×310	470×85×210	444×160×310	530×85×310	444×160×310	530×85×310
Net Weight(Kg)		8.5/9.2(7/9Ah)	4.5	18/19.5(7/9Ah)	7	22/24.2(7/9Ah)	7.5

Specification (6~10 kVA)

Model		D6K	D6KS	D10K	D10KS
Output Capacity		6KVA/4.8KW		10KVA/8KW	
Input	Voltage	120Vac~300Vac			
	Frequency	45Hz~65Hz (Auto sense)			
Output	Voltage	220/230Vac± 1%			
	Frequency	50/60Hz± 0.5Hz			
Output waveform		Sine wave			
Transfer time		Zero			
Battery		7Ah/9Ah×16	External Batt.	7Ah/9Ah×16	External Batt.
DC voltage		---	192VDC	---	192VDC
Battery type		Free maintenance seal lead acid battery			
Overload capability		105%~120% output switch to bypass after 10 sec; 120%~150% switch to bypass after 200 ms; over 150% shutdown immediately			
Communication interface		Rs232+Intelligent Slot, Rs232 to USB cable (optional)			
EPO		Optional			
Working temperature		0° C~40° C			
Relative humidity		20~90% (non-condensing)			
Dimension(D x W x H)(mm)		470×196×680	470×196×345	470×196×680	470×196×345
Weight (kg)		57.5/63.1(7/9Ah)	16	59/64.5(7/9Ah)	17.5