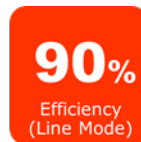


2K / 3K

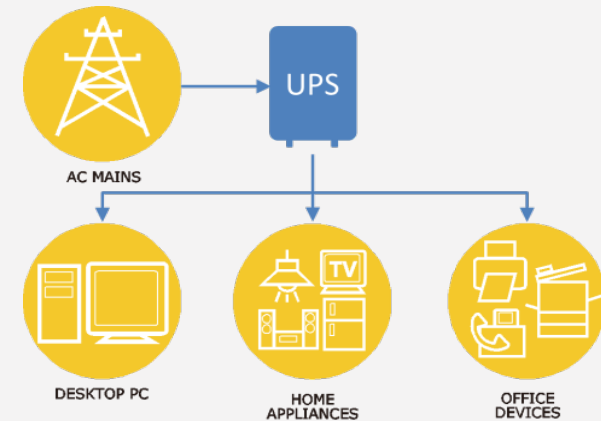
1K



KEY FEATURES

- True double-conversion design with high adaptability to harsh mains conditions
- DSP design enables precise and reliable control
- Output power factor 0.8 (up to 0.9 under 30)
- Wide AC input range (110-300V_{AC})
- Precise voltage regulation
- Supports AC generator
- Supports DC start-up and auto restart
- Intelligent communication slot enables remote monitoring

TYPICAL APPLICATION



MODEL	1K	2K	3K	
CAPACITY	1000VA/800W	2000VA/1600W	3000VA/2400W	
INPUT	Input Voltage Range	110~300V _{AC}		
	Frequency Range	40-70Hz		
	Input Wiring	Single phase with ground		
	Current Distortion (THDi)	<10%		
OUTPUT	Output Power Factor	0.8		
	Nominal Output Voltage	200 ¹ /208 ² /220/230/240V _{AC}		
	Voltage Regulation	± 2 %		
	Frequency Range (Battery Mode)	50/60 ±0.05 Hz		
	Current Crest Ratio	2.95:1		
	Voltage Distortion (THDv)	< 4% @ linear load, < 7% @ non-linear load		
	Output Waveform	Pure sine wave		
	Parallel Operation	N/A		
EFFICIENCY	Inverter Mode	>89%	>90%	
	Battery Mode	>83%	>83%	
	ECO Mode	N/A		
BATTERY	Battery Type	12V/45W		
	Number of Internal Battery	2	4	6
	Rated Battery Voltage	24V _{DC}	48V _{DC}	72V _{DC}
	Backup Time (@ Full Load)	4.5 min	4.5 min	4.5 min
	Recharge Time (to 90%)	7 hours	7 hours	7 hours
	Charging Current (max)	1A	1A	1A
TRANSFER TIME	Battery Mode ↔ Inverter Mode	0ms		
	Inverter Mode ↔ Bypass Mode	4ms		
DISPLAY	LCD			
AUDIBLE ALARM	Yes			
DIMENSION	WxHxD	144 x 229 x 345 mm	190 x 328 x 393 mm	
NET WEIGHT		9.2 kg	17.2 kg	22.6 kg
ENVIRONMENT	Operating Temperature	0 ~ 40 °C		
	Noise Level	<45dB	<50dB	
INTERFACE	RS232	Yes		
	External Slot	Yes		
	Emergency Power Off	No		

Note:

1. 200V_{AC} will be subject to 80% output derating
2. 208V_{AC} will be subject to 80% output derating