

## Blue series

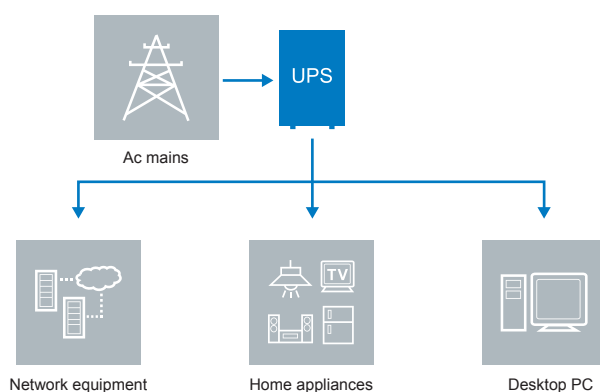
650/850/1200/2200



### KEY FEATURES

- Entry-level backup solution with excellent performance
- Build-in voltage regulator for reliable power quality
- Super fast charger shortens the charging time to 2-4 hours
- Tiny-Load Sensing technology prevents the battery from deep discharge problem while connecting to tiny loads
- HID-UPS-Battery-supported USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS and Linux
- Front panel USB interface for easy installation(450/650/850)
- Easy-to-understand graphic LCD display (optional)
- Surge protection for phone / modem line (optional)
- CE compliant

### Typical Application



# Specification

Model		Blue 450	Blue 650	Blue 850	Blue 1200	Blue 2200
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;` bgf	Input Voltage Range	162-290 V <sub>AC</sub>				
	Frequency Range	45~55Hz/55~65Hz				
	Input Wiring	Single phase with ground				
Agfbgf	Output Power Factor	0.55			0.5	
	Nominal Output Voltage	220/230/240 V <sub>AC</sub>				
	Voltage Regulation (Line Mode)	±15%				
	Voltage Regulation (Battery Mode)	±10%				
	Frequency Range ( Battery Mode )	50/60Hz ± 1Hz				
	Output Waveform	Modified sine wave				
	Parallel Operation	N/A				
7X[UWUk	Line Mode	95%				
4SffVdk	Battery Type	12V/4.5Ah	12V/7Ah	12V/9Ah	12V/7Ah	12V/9Ah
	Number of Internal Battery	1	1	1	2	2
	Rated Battery Voltage	12V <sub>DC</sub>	12V <sub>DC</sub>	12V <sub>DC</sub>	24V <sub>DC</sub>	24V <sub>DC</sub>
	Backup Time (@ Typical PC load)	8 mins	16 mins	20 mins	40 mins	50 mins
	Recharge Time (to 90%)	2-4 hours				
	Charging Current	1A				
FdS` eXMF` W	Battery Mode ↔ Line Mode	2-6 ms			4-8 ms	
6[eb`Sk		LCD				
3gV[T`W3`Sd`		Yes				
6` We[a`	WxHxD	100 x 143 x 300 mm			139 X 195 x 364 mm	
@VWl VWZf		3.5kg	4.5kg	5.0kg	8.8kg	10.3kg
7` h[da` _ Wf	Operating Temperature	0~40°C				
	Noise Level	<40dB				<45dB
;` fVdSUW	USB	Yes				
	External Slot	No				
	TVSS Protection	RJ11 Jack			RJ45 Jack	