

**PROFLEX**<sup>®</sup>  
Uninterruptible forever  
**6000 Series**



## Low frequency online UPS 1:1 220V 6000~1-3K



- ✦ Pure online SPWM control
- ✦ Sine wave output, Low distortion
- ✦ Double CPU digital control
- ✦ Rapid data processing
- ✦ Powerful function, high precision
- ✦ IGBT modularization design
- ✦ Isolation output transformer
- ✦ Super shockproof ability
- ✦ Wide input voltage (140V~280V)
- ✦ Wide input frequency rage (45~55Hz)
- ✦ UPS fit generator better.
- ✦ 120% loading capacity, safe and reliable
- ✦ Without mains input UPS can be started by DC with full loading
- ✦ Input power factor correction (PFC) ensures power factor over 0.98
- ✦ Automatically CPU intelligent management
- ✦ Time charge & discharge online maintenance
- ✦ LCD shows the newest 64 pieces history exceptional
- ✦ RS232 monitoring working conditions and parameters.
- ✦ Sending E-mail and beeper alarm
- ✦ Automatically setting ON/OFF time.
- ✦ Far distance monitoring and management by SNMP

Capacity (VA)		1000		2000		3000	
Rated Power(W)		850		1700		2550	
AC Input	Voltage	220V Single Phase (L-N-PE) /110V Single Phase (L-N-PE)					
	Voltage range	Low limit 140V±5, upper limit 300V±5 (Low limit 120V±5 optional for full load)/ Low limit 85V±5, upper limit 135V±5					
	Frequency	50Hz ± 10% (45~55Hz)/60Hz ± 10% (54~66Hz)					
	Power Factor	>0.98					
AC Output	Voltage	Single Phase 220V ±1% / 110V ±1%					
	Frequency	50Hz ± 0.3% (49.85~50.15Hz) /60Hz ± 0.3% (59.82~60.18Hz)					
	Wave	Pure Sine Wave, distortion<3% (linearity full load)					
Transfer Time		Recover mains 0ms, by pass invert ≤4ms					
Battery	Voltage	36V		72V/96V OPTIONAL		96V	
	Quantity	3x12V 7Ah	External 3pcs	6/8x12V 7Ah	External 6/8pcs	8x12V 7Ah	External 8pcs
	Max Charging Current	8.5A		10A/8A		8A	
	Mode of Charging	Constant charging (User can select Constant and float charge automatic switch)					
Alarm	Time detect	As per user's setting period					
	Mains off	Beeping sound every 4seconds; 90s later stop					
	Battery off	Beeping sound every 1 second					
	Overload	Overload indicator shine, beeping a long time					
	UPS Abnormity	Fail indicator shine, beeping a long time					
Protection	Battery	Battery voltage low, automatic shut down					
	Overload	105% working 1minture, >125% shut off, Auto recover after load back normal					
	Overheat	Inverter temperature >90°C, automatically switch to by pass					
	Output short circuit	Limit current, automatically shut down, cut fuse & breakers off					
	UPS Abnormity	Automatically switch to by pass or automatically shut down					
Indication	By pass	Mains voltage beyond 250V, UPS cannot switch to by pass					
	Telephone	OPTIONAL, RJ11 & RJ45 (Customer should ask sperately when place the order)					
	LED display	Mains, by pass output, battery output, battery lack voltage, battery level,overload, failure alarm					
	LCD display	UPS status, input/output voltage, input frequency, battery voltage, battery ca					
Modification of Fan		Mains abnormity-normal, Mains normal-abnormity, Output abnormity, over					
UPS efficiency		Loading capacity<35% low speed running>Loading capacity >35%,high speed running					
Communication interface		85% (full resistant load)					
Noise (dB)		RS232: UPS status, input voltage/frequency, output voltage/frequency, battery voltage/capacity					
Environment		45~55					
Weight(Kg)		Temperature -5°C~+40°C, Humidity 95% No coagulation (- 40°C OPTIONAL)					
Body Dimension (LXWXH) mm		25Kg	17Kg	46Kg/52Kg	30Kg	57Kg	36Kg
		470x170x320	470x170x260	483x170x380	483x170x260	533x170x555	533x170x435