



Prostar Low Frequency Online UPS

6000 Series (1kVA-30kVA)1:1 (6kVA-30kVA)3:1



LONG
BACKUP



AVR



TEL/MODEM
PORT



SOFTWARES



SURGE
PROTECTION



DIGITAL
DISPLAY



LIGHTNINGPROOF

6000 Series

○ System overview



6000 series UPS has been designed as combined advanced IGBT technology with hi-frequency wider-modulated technology (PWM), which make customer could obtain hi-quality power output and optimized efficiency under each operation load. And the advanced modular design to reduce the average time to repair (MTTR), and the best maintenance. It also with the most advanced phase-balanced technology, and it features best stability, even if loss-phase, it could still operate at normal condition, so it's suitable for any worse power supply. Double conversion, pure sine wave output line design could supply the low-distortion pure sine wave power, so it can provide the best power protection to the users' equipment. And with the isolated output transformer, which ensure that the entire the isolation of the load and public electric.

6000 series UPS including single phase in & single phase out (SU1K-SU30K), three phases in & three phases out (SP6K-SP30K). Due to its prominent industrial and electronic design, the UPS not only could work safe in the harsh environment, but also could provide maximum protection office automation, network, security applications and industrial applications.

○ Range of applications



Industrial
Automatic Control



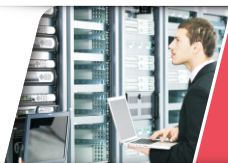
Electronic
& Telecom



Medical
Equipment



Aeronautics
& Astronautics



Office
Automation



Army
Technology



Production
Equipment



Securities
System

○ Main features



Intelligent Control Of Multiple CPU

Groups of new microprocessor (CPU) co-ordination, which can precisely control the parameters of UPS and its full control, providing sufficient computing power, to ensure UPS always in top working condition.



Humanized Display Interface

LCD dot matrix display, which visually indicated the UPS's operating parameters. LED displays the working status of UPS, and the LCD+LED combinations could make you get the UPS running Status Clearly and quickly.



High Intelligence Network Control

Through the communication interface, with the monitoring software, which can directly monitor UPS on the computer, simplified power management; optional adapter remote monitor (SNMP card), with a variety of operating system and application software, as well as TCP/IP, SNMP, HTTP and other protocol support, which meets the users requirements to monitor UPS via network, this is more suitable for decentralized users to centralized manage, thereby achieving the real global Management.



Not Principal And Subordinate Type, But Adaptive Parallel Technology.

It has strong ability in parallel and does not need to set the quantity of parallel, it can be arbitrary online parallel expansion or N+1 redundancy in parallel. Parallel UPS will share the same group batteries.



Intelligent Battery Management

Adopts a three-stage charging method, which is good for recovery for the deep discharge of the battery. Independent current sharing and parallel charger, which can increase the capacity according to request. It can guarantee the charging request for the long backup UPS system. With the battery reverse connect protection, short circuit protection and over temperature protection, and other functions.

Technical Specification

» 1KVA~30KVA1:1 6KVA~30KVA 3:1

SU1K~SU10K（Single in and Single out）											
Model	SU1K	SU2K	SU3K	SU1KB	SU2KB	SU3KB	SU6K	SU6KB	SU10K	SU10KB	
Capacity (VA/W)	1K/0.8K	2K/1.6K	3K/2.4K	1K/0.8K	2K/1.6K	3K/2.4K	6K/4.8K	6K/4.8K	10K/8K	10K/8K	
Input Voltage	ingle phase with two lines+ground wire ,220V±25%										
Battery Voltage	192V										
Built-in Battery	— —			12V4.5AH×16			— —	12V7AH×16	— —	12V24AHx16	
Noise	≤55dB(Distance 1m)										
Size (W×D×Hmm)	215×550×500			230×570×520			264×530×592	264×630×760	343×632×740	400×620×1110	
Weight(Kg)	34	35	35	52	54	54	53	98	91	120	
SU15K~SU20K（Single in and Single out） 、 SP6K~SP30K（Three- ins and Single out）											
Model	SU15K	SU20K	SU30K	SP6K	SP10K	SP15K	SP20K	SP30K			
Capacity (VA/W)	15K/12K	20K/16K	30K/24K	6K/4.8K	10K/8K	15K/12K	20K/16K	30K/24K			
Input Voltage	Single phase with two lines+ground wire ,220V±25%			Three phases with four lines+ground wire,380V±25%							
Battery Voltage	192V								336V		
Noise	≤55dB(Distance 1m)										
Size (W×D×Hmm)	343×632×740		480×720×1170	264×530×592	343×624×1020			400×620×1110			
Weight(Kg)	110	122	176	53	139	158	178	263			
Input	Frequency		50Hz/60Hz±10%								
	Power factor		≥0.95								
Output	Voltage		220V±0.5%								
	Frequency Stableness		50Hz/60Hz±0.05%(DC Supply)								
	Transient response		Output at 0~50%~100% =5%, response=10ms								
	Harmonic distortion		Linear Load<3%, Non-linear Load<5%								
	Overload capacity		110%≥300 Min,125%≥10 Min,150%≥1 Min								
	Wave Form		Sine Wave								
	Efficiency		UPS Efficiency								≥91%
Battery	Battery Type		Lead-acid sealed, maintenance-free								
	Charging Time		After it is fully charged, it can be filled to 90% of the total capacity after it is charged for 8 hours								
Warning Sound	Battery Discharge		Alarm every 4 seconds when power supply by battery and without main power.								
			Battery low-voltage protection, alarm every one second.								
			Battery under-voltage protection, continuous alarm								
	Fault Abnormal		Continuous alarm								
LCD Panel Board	LCD Display		With display input voltage, output voltage,frequency,DC voltage, output power efficiency(%),temperature								
	LCD Lights		Main power,inverter, bypass, battery, failure, overload								
Outside environment	Temperature		-10° C~50° C								
	Relative Humidity		0%~93% (No condensation)								
	Operation Condition		Lower than 3000 meters above sea level (altitude)								

● Remarks:Products specifications are subject to change without notice.

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[Http://www.Prostarpower.com](http://www.Prostarpower.com)



Website

