

**AS 3000PF Series**



**AS 3000PF Series UPS**  
10-800 kVA 3 Phase Input - 3 Phase Output 0,9 PF Online UPS

MODEL	3100PF	3120PF	3160PF	3200PF	3250PF	3300PF	3400PF	3500PF	3600PF	3800PF
Apparent Power (kVA)	100	120	160	200	250	300	400	500	600	800
Active Power (kW)	90	108	144	180	225	270	360	450	540	720
<b>INPUT</b>										
Voltage	380(Optional 400/415/440) Vac (3 Ph+N+Pe)									
Voltage Tolerance	±5...%20 (Adjustable with %1 Step)									
Frequency	50 Hz (On Request 60 Hz)									
Frequency Range	%5									
THDi	<5%									
Input Power Factor	0,99									
<b>OUTPUT</b>										
Voltage	380(Optional 400/415/440) Vac (3 Ph+N+Pe)									
Voltage Regulation	< ±1%									
Frequency	50 Hz (On Request 60 Hz)									
Frequency Range	Synchronized to Network ±2% in line mode; ±0,05 Hz in Free Running									
Crest Ratio	3:1									
Efficiency (100% Load)	≥%93									
Power Factor	0,9									
THDv	<3% Linear Load, <5% Non Linear Load									
Overload	%100<load<125 for 10 min., %125<load<%150 for 1 min., load>150: Bypass									
Short Circuit Protection	Electronic Protection									
<b>BYPASS</b>										
Voltage Range	380 Vac ± %15									
Frequency Range	50 Hz ±10%									
<b>BATTERY</b>										
Type	Maintenance Free Lead Acid Battery									
Quantity	60									
Charge Voltage	810 Vdc									
End of Discharge Voltage	630 Vdc									
Battery Protection	Deep Discharge Protection									
Battery Test	Automatic / Manual									
<b>DISPLAY PANEL</b>										
LCD	Graphic LCD Panel, Mimic Panels and Control Panel									
LED	Line, Battery, Inverter, Load, Fault Indications									
<b>COMMUNICATION</b>										
Interface	Dry Contacts (Battery Low, Input Failure, System Bypass)									
<b>ENVIRONMENTAL</b>										
Operating Temperature	0-40°C									
Storage Temperature	-25~+70°C									
Relative Humidity	%0-95 (Non Condensing)									
Altitude	<1000 m									
Cooling	Air Cooling									
Protection Level	IP 20									
Acoustic Noise	<65dBA	<70 dBA	<74 dBA	<75 dBA						
<b>PHYSICAL</b>										
Dimensions (WxDxH)cm	550x800x1335	680x1010x1750	780x1260x1900	1600x870x1800	2190x801x2030	3220x870x1800				
Weight (kg)	290	315	490	540	870	1300	1370	1480	1700	1750
<b>OPTIONS</b>										
Functions	Parallel Operation, EPO Emergency Stop									
Communication	SNMP, Modem, RS-232, RS-485									
<b>STANDARDS</b>										
Harmonized Standards	EN 62040-1 (LVD), EN 62040-2 (EMC), EN 62040-3									

**FEATURES**

- IGBT Rectifier and Inverter
- Active Input Current Correction < %5
- Regenerative Operating
- Re-adjustable Battery Charge Current
- High Efficiency (Cosφ:0,9)
- Built-in Self-Test
- Silent Performance
- Up to 6 Parallel Operation
- DSP Controlled
- Up to 0.99 Input Power Factor Correction
- Static Bypass at UPS Overload or UPS Failure
- Advanced LCD Panel
- Up to 500 Event History
- CE Certificate
- Patented Technology

**ONLINE UPS**

AS 3000PF Series are, 3 Phase in/3 Phase out 10-800 kVA True Online, Transformer-less, Double Conversion UPS Systems with IGBT rectifier providing 0,9 Output Power factor and very low input current THD. They produce microprocessor controlled pure sine wave output to critical loads. Industrial manufacturing machines, hospital and monitoring equipment, heavy, medical, communication and laboratory equipment, etc. are the main fields of use with a proved reliable high technology.