

## AS 3000PF Series



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

MODEL	3010PF	3015PF	3020PF	3030PF	3040PF	3060PF	3080PF
Apparent Power (kVA)	10	15	20	30	40	60	80
Active Power (kW)	9	13,5	18	27	36	54	72
<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)	>%92						
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 ± %20						
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, Mimir 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~+55°C						
Relative Humidity	%0-95 (Non- Condensing)						
Altitude	<1000 m						
Cooling	Air Cooling						
Protection Level	IP 20						
Acoustic Noise	<55 dBA					<60 dBA	
<b>PHYSICAL</b>							
Dimensions (WxDxH)cm	350x795x1110					500x806x1213	
Weight without Batteries(kg)	100	105	110	110	135	140	155
<b>OPTIONS</b>							
Functions	Parallel Operation, EPO, Emergency Stop						
Communication	SNMP, Modem, RS-232, RS485						
<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 (CosØ: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.