



**FAW 20-50KVA SINGLE  
PHASE GENERATOR**

**BAUDOIN 80-100KVA  
THREE PHASE GENERATOR**



High Oil Pressure to  
protect engine



Automatic Change-Over



Maintenance Free  
Batteries



Sound Attenuated

**oxbow**



# FAW 20/50KVA SINGLE PHASE GENERATOR

## Specifications

- Ideal for home and business applications
- Silent canopy which can stand outside with lockable doors
- Automatic changeover (ATS), maintenance free batteries and trickle charger included
- H-specification insulation, brushless alternator with AVR provides stable output
- High-temperature and oil pressure to protect against engine damage
- Easy to use digital controller with auto/manual start options
- All sets undergo a comprehensive testing/pre-delivery inspection prior to delivery



20/50/80/100KVA		20/50/80/100KVA	
Engine make	FAW/FAWDE / Baudoin	Alternator make	StromerPower
Engine model	4DW91-29D / 4M10G88/5	Standby power output	22kVA / 88kVA / 88kVA / 110 kVA
Displacement	2,54l / 4.087l	Prime power output	20kVA / 80kVA / 80kVA / 100kVA
Cylinder bore/Stroke	90mm x 100mm / 105mm x 118mm	Insulation class	Class-H with circuit breaker protection
Fuel system	In-line fuel injection pump	Type	Brushless
Governor	Electrical	Phase and connection	1-phase-2 wire / 3-phase-4 wire
Cylinders	Four cylinders water cooled	AVR	Included
Engine output power (1500rpm)	21kW / 69kW / 69kW / 86kW	AVR model	SX460
Turbocharged/normally aspirated	Normally aspirated / Turbo Charged	Voltage regulation	± 1%
Cycle	Four stroke	Voltage	230v/ 400v / 230v / 400v
Combustion system	Direct injection	Rated frequency	50Hz
Compression ratio	17:1 / 17.5:1	Voltage regulate change	≤ ±10% UN
Fuel tank capacity	200l / 240l	Phase change rate	± 1%
Fuel consumption 100%	6.3 l/h / 18.8l/h / 18.8l/h / 21.25l/h	Power factor	1 / 0.8
Fuel consumption 75%	4.7 l/h / 13.5l/h / 13.5l/h / 16.01l/h	Protection class	IP23 standard/screen protected/drip-proof
Fuel consumption 50%	3.2 l/h / 9.1l/h / 9.1l/h / 10.58l/h	Stator	2/3 pitch
Fuel consumption 25%	1.6 l/h / 5.24l/h / 5.24l/h / 6.02l/h	Rotor	Single bearing
Oil type	15W40	Excitation	Self-exciting
Engine oil capacity	8l / 14l	Regulation	Self-regulating
Cooling method	Water-cooled radiator/fan		
Coolant capacity	2.65l / 17.9l / 19.9l / 23.6l		
Starter	12v DC starter charge alternator		
Engine speed	1500rpm		
Filters	Replaceable fuel filter/oil filter/dry element air filter		
Battery	Maintenance-free battery including rack and cables		
Silencer	Exhaust silencer		

General	
Structure type	Silent weather resistant enclosure
Dimensions Length x Width x Height	2100mm x 920mm x 1050mm/ 2400mm x 1050mm x 1250mm
Dry weight	782kg / 1410kg
ATS unit included	Included
Four-way protection system included	Included

