

B I S O N



MACHINERY

BISON MACHINERY

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BISON MACHINERY

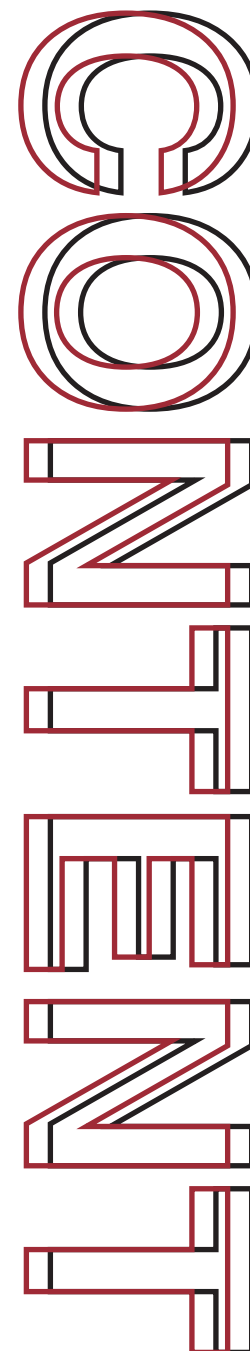
GASOLINE GENERATOR
DIESEL GENERATOR
INVERTER GENERATOR
HIGH PRESSURE WASHER
ENGINE
WATER PUMP
SPARE PARTS

MACHINERY

2015-2023 

BISON

MACHINERY



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WHO IS BISON

The Fastest Growing Generator Supplier

Founded in 2015, Bison's product line has expanded to **portable generators, inverter generators, pressure washer.** Now is the fastest growing generator supplier in China.



30,000+m²

Factory

310+

Satffs

6+

Production Line

WHAT BISON COULD OFFER

- 12 Month Warranty
- 30 Days Delivery Time
- Product with CE, Rosh, PaHS, Noise and EURO V certified
- Spare Part & Engineering Technical Support



EASY TO START, COMPACT,
FUEL EFFICIENT,
PROVIDES SMOOTH,
CLEAN POWER;
AC/DC OUTPUT AND CABLE FOR
12V BATTERY CHARGING,

SPECIFICATIONS	BS9500	BS10500
ENGINE MODEL	BS192F	BS194F
ENGINE TYPE	SINGLE CYLINDER,4-STROKE	
STARTING SYSTEM	RECOIL/ELECTRIC	
BORE*STROKE(MM)	92*69	94*72
DISPLACEMENT(ML)	459	499
RATED POWER(KW)	7.5	8.0/9.0
MAX.POWER(KW)	8	8.5/9.5
RATED VOLTAGE	220V	220V/380V
RATED FREQUENCY	50HZ	
DC OUTPUT	12V/8.3A	
FUEL CONSUMPTION(G/KW.H)	≤370	≤395
1/2 LOAD CONTINOUS RUNNING TIME(H)	11	15
FUEL TANK CAPACITY(L)	25	40
NET WEIGHT(KG)	92	97
CARTON DIMENSIONS(L*W*H)MM	690*530*555	730*560*610
QTY(20GP/40GP/40HQ)	140/275/275	84/192/265





SPECIFICATIONS	BS950	BS2500	BS3000
ENGINE MODEL	1E45F	BS168F-1	BS170F
ENGINE TYPE	SINGLE CYLINDER,2-STROKE	SINGLE CYLINDER,4-STROKE	
STARTING SYSTEM	RECOIL	RECOIL/ELECTRIC	
BORE*STROKE(MM)	45*38	68*54	70*56
DISPLACEMENT(ML)	63	196	210
RATED POWER(KW)	0.65	2	2.5
MAX.POWER(KW)	0.75	2.2	2.8
RATED VOLTAGE	220V	220V	220V
RATED FREQUENCY	50HZ		
DC OUTPUT	12V/8.3A		
FUEL CONSUMPTION(G/KW.H)	≤950	≤ 405	
1/2 LOAD CONTINOUS RUNNING TIME(H)	10	24	19
FUEL TANK CAPACITY(L)	4	15	15
NET WEIGHT(KG)	19	36	40
CARTON DIMENSIONS(L*W*H)MM	420*340*325	605*440*440	
QTY(20GP/40GP/40HQ)	735/1470/1720	240/480/580	



SPECIFICATIONS	BS3500	BS6500	BS7500	BS8500
ENGINE MODEL	BS170F	BS190F	BS190F	BS192F
ENGINE TYPE	SINGLE CYLINDER,4-STROKE			
STARTING SYSTEM	RECOIL/ELECTRIC			
BORE*STROKE(MM)	70*56	90*66	90*66	92*69
DISPLACEMENT(ML)	210	420	420	459
RATED POWER(KW)	2.8	5	6	7
MAX.POWER(KW)	3	5.5	6.5	7.5
RATED VOLTAGE	220V			
RATED FREQUENCY	50HZ			
DC OUTPUT	12V/8.3A			
FUEL CONSUMPTION(G/KW.H)	≤ 405	≤ 370		
1/2 LOAD CONTINOUS RUNNING TIME(H)	17	16	13	12
FUEL TANK CAPACITY(L)	15	25	25	25
NET WEIGHT(KG)	42	82	84	89
CARTON DIMENSIONS(L*W*H)MM	605*440*440	690*530*555		
QTY(20GP/40GP/40HQ)	240/480/580	140/275/275		



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DIESEL GENERATOR



EASY TO START, COMPACT,
FUEL EFFICIENT,
PROVIDES SMOOTH,
CLEAN POWER;
AC/DC OUTPUT AND CABLE FOR
12V BATTERY CHARGING,

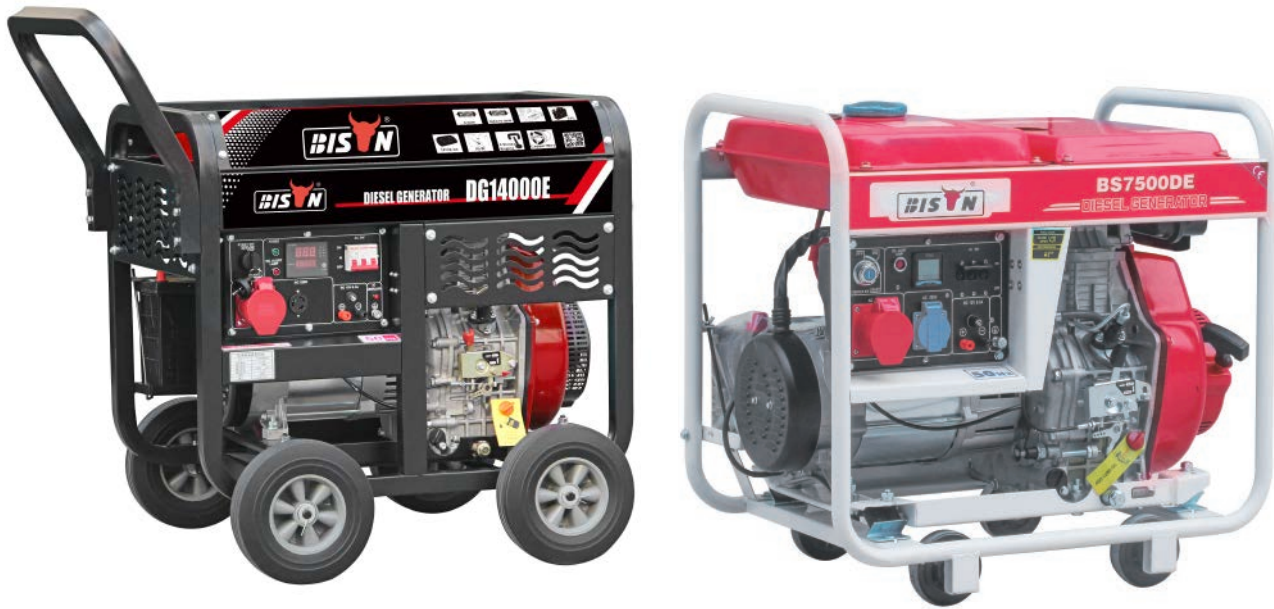


MODEL NAME	BS3500DE/S	BS6500DE/S	BS7000DE/S
POWER RANGE	2.8-3.0KW	4.5-5.0KW	5.0-5.5KW
VOLTAGE/FREQUENCY	110/120/220/230/240/380/400V 50/60HZ		
ENGINE MODEL	178FA(6HP)	186FA(10HP)	188F(11HP)
START METHOD	ELECTRIC START		
MOTOR TYPE	BRUSH SELF EXCITED		
STANDARD FEATURES	VOLTMETER, AC OUTPUT SOCKET, AC CIRCUIT BREAKER, OIL ALERT		
OPTIONAL FEATURES	FOUR SIDES WHEELS, DIGITAL METER, ATS, REMOTE CONTROL, EMERGENCY STOP, HEATER, DUAL VOLTAGE, EQUIPOWER 3 PHASE		





MODEL NAME	BS7500DE/S	BS8000DE/S	BS8500DE/S	BS9000DE/S
POWER RANGE	5.5-6.0KW	6.0-6.5KW	7.0-7.5KW	7.5-8.0KW
VOLTAGE/FREQUENCY	110/120/220/230/240/380/400V 50/60HZ			
ENGINE MODEL	188F(11HP)	192F(12HP)	195F(13HP)	1100F(14HP)
START METHOD	ELECTRIC START			
MOTOR TYPE	BRUSH SELF EXCITED			
STANDARD FEATURES	VOLTMETER, AC OUTPUT SOCKET, AC CIRCUIT BREAKER, OIL ALERT			
OPTIONAL FEATURES	FOUR SIDES WHEELS, DIGITAL METER, ATS, REMOTE CONTROL, EMERGENCY STOP, HEATER, DUAL VOLTAGE, EQUIPOWER 3 PHASE			



MODEL NAME	BS11000DE/S	BS12000DE/S	BS15000DSE	BS18000DSE
POWER RANGE	9.5-10.0KW	10.0-11.0KW	12.0-13.0KW	15.0-15.5KW
VOLTAGE/FREQUENCY	110/120/220/230/240/380/400V 50/60HZ			
ENGINE MODEL	1103F(15HP)	2V88(25HP)	2V92(30HP)	2V95(33HP)
START METHOD	ELECTRIC START			
MOTOR TYPE	BRUSH SELF EXCITED			
STANDARD FEATURES	VOLTMETER, AC OUTPUT SOCKET, AC CIRCUIT BREAKER, OIL ALERT			
OPTIONAL FEATURES	FOUR SIDES WHEELS, DIGITAL METER, ATS, REMOTE CONTROL, EMERGENCY STOP, HEATER, DUAL VOLTAGE, EQUIPOWER 3 PHASE			

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INVERTER GENERATOR



INVERTER GENERATOR

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Low noise
Small size
Low fuel consumption
Light weight
Easy to operate



BS2000IS

ENGINE TYPE	SINGLE CYLINDER, 4-STROKE(OHV)
BORE×STROKE	48.6 X 43MM
DISPLACEMENT	79.7ML
COMPRESSION RATIO	8.7:1
RATED FREQUENCY	50HZ
RATED VOLTAGE	230V
RATED POWER	1.8KW
MAX.POWER	2.0KW
DC OUTPUT	12V/8.3A
STARTING SYSTEM	RECOIL
FUEL TANK CAPACITY	4L
FULL LOAD CONTINUUM RUNNING TIME	4H
1/2 LOAD CONTINUUM RUNNING TIME	6H
NOISE(7M)	67 dB
THD(%)	<2
NET WEIGHT	22KG
DIMENSIONS(L X W XH)	498X290X459MM



BS2500IS

ENGINE TYPE	SINGLE CYLINDER, 4-STROKE(OHV)
BORExSTROKE	60 X 43MM
DISPLACEMENT	122ML
COMPRESSION RATIO	8.2:1
RATED FREQUENCY	50HZ
RATED VOLTAGE	230V
RATED POWER	2.3KW
MAX.POWER	2.5KW
DC OUTPUT	12V/8.3A
STARTING SYSTEM	RECOIL
FUEL TANK CAPACITY	4.5L
FULL LOAD CONTINUUM RUNNING TIME	3H
1/2 LOAD CONTINUUM RUNNING TIME	5H
NOISE(7M)	67 dB
THD(%)	<2
DIMENSIONS(L X W X H)	520X320X450MM
NET WEIGHT	25KG

BS4500ISE/ BS6250ISE

ENGINE TYPE	SINGLE CYLINDER, 4-STROKE(OHV)	
DISPLACEMENT	223CC	
START TYPE	MANUAL START/ELECTRIC START	
OIL CAPACITY	0.7	
TANK CAPACITY(L)	12L	11L
FUL LOAD RUNNING TIME(H)	8H	4H
FREQUENCY(HZ)	50/60HZ	
VOLTAGE(V)	120-240V	
RATED POWER(KW)	3.5kw	5KW
MAX POWER (KW)	4KW	5.5KW
12V DC OUTPU	8.3A/12V	
THD(%)	<2	
NOISE(7M)	64dB	70dB
PACKAGE DIMENSIONS(MM)	670*5000*570MM	
NET WEIGHT(KG)	43KG	44KG



BS3750IS

ENGINE TYPE	SINGLE CYLINDER, 4-STROKE(OHV)
DISPLACEMENT	208CC
START TYPE	RECOIL START
OIL CAPACITY	0.6
TANK CAPACITY(L)	7.5L
FUL LOAD RUNNING TIME(H)	3.5H
FREQUENCY(HZ)	50/60HZ
VOLTAGE(V)	120-240V
RATED POWER(KW)	3KW
MAX POWER (KW)	3.3KW
12V DC OUTPUT	8.3A/12V
THD(%)	<5
NOISE(7M)	72dB
PACKAGE DIMENSIONS(MM)	480*420*520MM
NET WEIGHT(KG)	25KG



BS2250IS / BS2750IS / BS3150IS

ENGINE TYPE	SINGLE CYLINDER, 4 - STROKE (OHV)		
DISPLACEMENT	79.7CC	97.7CC	120CC
CAPACITY	4L	4L	6L
RATED FREQUENCY	50/60HZ		
RATED VOLTAGE	120-240V		
RATED POWER	1.8KW	2.2KW	2.5KW
MAX POWER	2.0KW	2.4KW	2.8KW
NOISE(7M)	62dB	64dB	65dB
WAVEFORM DEVIATION FACTOR(%)	<2		
FULL LOAD CONTINUUM RUNNING TIME	4H/3H		
1/2 LOAD CONTINUUM RUNNING TIME	6H/5H		
CARTON DIMENSION(L X W X H)	540*330*545MM		
NET WEIGHT	20KGS	21KGS	22.5KGS
GROSS WEIGHT	22KGS	23KGS	24KGS



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HIGH PRESSURE WASHER



Product features:

1. Novel and exquisite appearance with patented design.
2. Sufficient power copper wire motor, more strong and powerful
3. Four angle nozzles to meet the various daily cleaning needs.
4. Using liquid filled shockproof pressure gauge with ture pressure data.
5. Double filtration to avoid blocking and the water seal is more wear-resistant.



Commercial electric series -C model

MODEL	ES2.2-2C	ES2.2-4C	ES3-4C	ES3.7-4C	ET2.2-4C	ET3-4C	ET4-4C
POWER	2.2	2.2	3.0	3.7	2.2	3.0	4.0
VOLTAGE	SINGLE PHASE				THREE PHASE		
SPEED	2900	1450	1450	1450	1450	1450	1450
BAR	110	110	150	160	110	110	180
PSI	1595	1595	2175	2320	1595	1595	2610
FLOW RATE	11	11	11	13	11	13	13
PA KING SIZE	680*550*530MM						
G.W	47KGS	52KGS	54KGS	67KGS	52KGS	54KGS	66KGS

MODEL	ES2.2-2D	ES2.2-4D	ES3-4D	ES3.7-4D	ET2.2-4D	ET3-4D	ET4-4D
POWER	2.2	2.2	3.0	3.7	2.2	3.0	4.0
VOLTAGE	SINGLE PHASE			THREE PHASE			
SPEED	2900	1450	1450	1450	1450	1450	1450
BAR	110	110	150	160	110	110	180
PSI	1595	1595	2175	2320	1595	1595	2610
FLOW RATE	11	11	11	13	11	13	13
PA KING SIZE	700*550*510MM						
G.W	47KGS	52KGS	54KGS	67KGS	52KGS	54KGS	66KGS



MODEL	ES1.8-2L	ES1.8-2H
POWER	1.8	1.8
VOLTAGE	220	220
FREQUENCY	50/60HZ	50/60HZ
SPEED	2900	2900
BAR	80	75
PSI	1160	1087
FLOW RATE	11	11
PUMP	AXIAL PUMP	PE100L PUMP
PAKING SIZE	620*450*500MM	



MODEL	BS170A	BS180A
POWER	7HP	
SPEED	3600	
BAR	170-190	180-220
PSI	2465-2755	2610-3190
FLOW RATE	9LPM	
PUMP HEAD	ALUMINUM	BRASS
PACKING SIZE	56*48*53.5CM	
G.W.	31KGS	32KGS



MODEL	BS170K	BS180K
POWER	7HP	
SPEED	3600	
BAR	170-190	180-220
PSI	2465-2755	2610-3190
FLOW RATE	9LPM	
PUMP HEAD	Aluminum	Brass
PACKING SIZE	73.5*44*53.5CM	
G.W.	34KGS	36KGS

MODEL	BS170NB	BS180NB
POWER	7HP	
SPEED	3600	
BAR	170-190	180-220
PSI	2465-2755	2610-3190
FLOW RATE	9LPM	
PUMP HEAD	Aluminum	Brass
PACKING SIZE	830*440*535MM	
G.W.	32KGS	33KGS



MODEL	BS170D	BS180D
POWER	7HP	
SPEED	3600	
BAR	170-190	180-220
PSI	2465-2755	2610-3190
FLOW RATE	9LPM	
PUMP HEAD	Aluminum	Brass
PACKING SIZE	680*540*635MM	
G.W.	28KGS	29KGS



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ENGINE



ENGINE MODEL	BS168F-1	BS170F	BS188F	BS190F	BS192F
ENGINE TYPE	SINGLE CYLINDER,4-STROKE,OHV				
STARTING SYSTEM	RECOIL/ELECTRIC				
BORE*STROKE(MM)	68*54	70*56	88*64	90*66	92*69
DISPLACEMENT(ML)	196	210	389	420	459
OIL CAPACITY(L)	0.5	0.5	1.1	1.1	1.1
FUEL TANK CAPACITY(L)	3.6	3.6	6.5	6.5	6.5
NET WEIGHT(KG)	13	13	28	28	32
CARTON DIMENSIONS(L*W*H)MM	400*340*350		515*415*475		
QTY(20GP/40GP/40HQ)	594/1188/1435		305/625/625		



MODEL NAME	173F	178F	186FA	188F	192F	195F	1100F	1103F
ENGINE TYPE	SINGLE-CYLINDER,VERTICAL,4-STROKE AIR-COOLED DIESEL ENGINE							
BORE X STROKE	73X59	78x62	86x72	88X75	92X75	95X75	100X84	103X88
ENGINE MODEL	247CC	296CC	418CC	456CC	498CC	531CC	660CC	718CC
MAX OUTPUT	(5.7HP)4.2KW	(6HP)4.4KW	(9.6HP)7.1KW	(11HP)8KW	(12HP)9KW	(13HP)9.5KW	(14HP)10.5KW	(15HP)11KW
RPM	3600							
FUEL CAP/WORKING TIME	2.5 LITERS/ 2.5 HR	3.5 LITERS/ 2 HR	5.5 LITERS/ 2 HR					
G./NET WEIGHT	30/25KG	36/31KG	55/50KG	55/50KG	56/51KG	56/51KG	65/60KG	65/60KG



SPECIFICATION	BS20	BS30	BS40A	BS40B
SUCTION PORT DIAMETER(MM)	2" 50MM	3" 80MM	4" 100MM	4" 100MM
DISCHARGE HEAD LIFT(MM)	2" 50MM	3" 80MM	4" 100MM	4" 100MM
SUCTION HEAD LIFT(M)	8	8	7	8
TOTAL HEAD LIFT(M)	28	30	25	30
FLUX(M3/H)	36	60	75	90
ENGINE MODEL	BS168F-1	BS170F	BS170F	BS188F
DISPLACEMENT(ML)	196	210	210	389
FUEL TANK CAPACITY(L)	3.6	3.6	3.6	6.5
NET WEIGHT(KG)	13	13	23	28
CARTON DIMENSIONS(L*W*H)MM	490*385*405	510*385*425	560*440*500	635*480*520
QTY(20GP/40GP/40HQ)	360/720/865	330/660/820	330/660/820	330/660/820



SPECIFICATION	BS15H	BS20H
SUCTION PORT DIAMETER(MM)	2" 50MM	
DISCHARGE HEAD LIFT(MM)	1.5"/1"1"	2"/1.5"/1.5"
SUCTION HEAD LIFT(M)	7	
TOTAL HEAD LIFT(M)	50	80
FLUX(M3/H)	30	16
ENGINE MODEL	BS170F	
DISPLACEMENT(ML)	210	
FUEL TANK CAPACITY(L)	3.6	
NET WEIGHT(KG)	23	
CARTON DIMENSIONS(L*W*H)MM	510*385*425	
QTY(20GP/40GP/40HQ)	330/660/820	



MODEL NAME	DP20	DP30	DP40	DP60
INLET/OUTLET DIA	2X2" 50MM	3X3" 80MM	4X4" 100MM	6X6" 150MM
HEAD	26M	28M	31M	15M
FLUX	36	50	96	180
PRIMING TIME(S/4M)	70	120	180	200
SUCTION	8M			6M
RPM	3600			
ENGINE MODEL	173F	178F	186FA	192FB
FUEL TANK CAP	2.5L	3.5L	5.5L	12.5L
BIG TANK CAP	13.5L	13.5L	13.5L	include
WHEEL PUSH	Optional	Optional	Optional	include



MODEL NAME	DP20T	DP30T	DP40T	DP60T	DP20C
INLET/OUTLET DIA	2X2" 50MM	3X3" 80MM	4X4" 100MM	6X6" 150MM	2X2" 50MM
HEAD M	10	25	31	20	20
FLUX M3/H	30	45	96	180	20
PRIMING TIME(S/4M)	70	120	180	180	70
SUCTION M	8M			6M	8M
RPM	3600				
ENGINE MODEL	178F	186FA	192FC	195F	173F
FUEL TANK CAP	3.5L	5.5L	12.5L	12.5L	3.5L
BIG TANK CAP	13.5L	13.5L	13.5L	include	13.5L
WHEEL PUSH	Optional	Optional	Optional	include	Optional



MODEL NAME	DP171CI	DP175CI	DP178CI	DP188CI	DP208CI	DP150CI
INLET/OUTLET DIA	1.5X1.5" 40MM	2X2" 50MM	2X2" 50MM	3X3" 80MM	3X3" 80MM	4X4" 100MM
IMPELLER MM	171	175	198	188	208	150
HEAD M	65	70	85	75	90	45
FLUX M3/H	26	30	32	40	42	130
PRIMING TYPE	NSP					
SUCTION M	8					
RPM	3600					
ENGINE MODEL	178F		186FA		192FC	
FUEL TANK CAP	3.5L		12.5L			
BIG TANK CAP	13.5L		13.5L			
WHEEL PUSH	OPTIONAL					

Gasoline generator accessories



Crank case



Cylinder Head



Recoil starter assembly



Fan cover(recoil)



Cylinder head cover



Oil Amplifier



Motor



Muffler



Camshaft assembly(Nylon)



Camshaft assembly(Iron)



Crankshaft



Ignition Coil



Oil Gauge set



AVR(Plastic)



Air Filter



Engine air filter



Piston Assembly



Fuel Control valve



Carburetor (Engine)



Engine Fuel Tank Cap



Piston Ring



Intake Exhaust Valve



Bearing 6205



Spark Plug



Carburetor (Generator)



Connecting Rod Assembly



Shockproof Foot



Battery 7AH



Wheel



Engine Muffler



Fuel Tank



Alternator



Whole gasket

Diesel generator accessories



Crank case



Air Filter



Air Filter (186 Silent)



Piston Assembly



Filter Element



Recoil starter assembly



Recoil starter assembly



Fuel Filter(With bracket)



Fuel Filter(silent)



Fuel filter



Voltage Regulator



Main Bearing Shell



Magneto



Fuel injection pump



Connecting Rod Assembly



Fuel Pump



Cylinder Head



Piston Ring



Starter Pulley



Oil Gauge set



Oil Filter



valve spring



Oil nozzle



Starting Motor



Pull Rod case



Fuel Tank



Shockproof Foot



Oil Alert



Fuel Tank (Engine)



Oil switch



Cylinder cover seal



Filter element 178F



Whole set gasket