

## Product description

Weichai marine generator sets are mainly divided into primary and emergency generator sets according to their uses. The power range of primary generator sets is 16-8730kW, and the power range of emergency generator sets is 30-900kW. The primary generator sets include diesel and gas generator set according to their fuel. The diesel generator sets include Yangchai series, Deutz series, Steyr series, Landking series, Baudouin series, 170 series and CW200/250 series products. The gas generator set mainly includes Deutz series. The manufacture and test of the generator sets comply with the general technical conditions of GB/T13032-2010 Marine Diesel Generator Set.

Notes: This model portfolio and introduction is mainly about 50Hz products, and 60Hz products with corresponding powers can also be produced.

Series	Model	Primary power/kW	Continuous power/kW	Diesel generator model	Generator Brand	Starting system	Mode of speed regulation	Emission stage	Dimensions/mm	Net weight/kg
X6170	CCFJ250J-W*	250	250	X6170ZCD280-1	Siemens Kang Fu	electric starter/air starter	Mechanical /electronic	IMO II	3288*1255*1977	5152
	CCFJ300J-W*	300	300	X6170ZCD330-1				IMO II	3241*1255*1977	5307
	CCFJ350J-W*	350	350	X6170ZCD390-4				IMO II	3400*1236*2001	5230
	CCFJ400J-W*	400	400	X6170ZCD440-4				IMO II	3466*1236*2001	5282
	CCFJ450J-W*	450	400	X6170ZCD500-5				IMO II	3728*1406*2004	6513
	CCFJ500J-W*	500	400	X6170ZCD556-5				IMO II	3728*1406*2004	6513

	CCFJ500J-W*	500	450	X6170ZCD601-5				IMO II	3728*1406*2004	6513
8170	CCFJ400J-W*	400	400	8170ZCD441-1	Siemens Kang Fu	electric starter/air starter	electronic	IMO II	4424*1493*2277	6251
	CCFJ500J-W*	500	500	8170ZCD600-5				IMO II	4418*1406*2004	7263
	CCFJ400J-W*	400	400	8170ZCD441-1*	Siemens Kang Fu	electric starter	Electronical-controlled common rail	IMO II	4424*1493*2277	6251
	CCFJ450J-W*	450	450	8170ZCD490-1*				IMO II	4418*1406*2004	7263
	CCFJ500J-W*	500	500	8170ZCD600-5*				IMO II	4418*1406*2004	7263
6WH17*	CCFJ450J-W*	450	450	6WH17CD539-1	Siemens	electric starter	Electronical-controlled common rail	IMO II	4435*1550*1715	8150
	CCFJ500J-W*	500	500	6WH17CD638-2				IMO II	4435*1550*1715	8150
	CCFJ550J-W*	550	500	6WH17CD660-5				IMO II	4435*1550*1715	8150
	CCFJ600J-W*	600	500	6WH17CD809-5				IMO II	4435*1550*1715	8150
12WH17*	CCFJ800J-W*	800	800	12WH17CD990-1	Siemens	electric starter	Electronical-controlled common rail	IMO II	5315*1600*1782	12868

	CCFJ1000J-W*	1000	900	12WH17CD1210-2				IMO II	5315*1600*1782	12868
	CCFJ1000J-W*	1000	1000	12WH17CD1265-5				IMO II	5315*1600*1782	12868
	CCFJ1200J-W*	1200	1200	12WH17CD1485-5				IMO II	5315*1600*1782	12868
	CCFJ1500J-W*	1500	1300	12WH17CD1782-5				IMO II	5315*1600*1782	12868
CW200	CCFJ450J-WMW	-	450	CW6200ZD-39	Siemens	air starter	Electronical-controlled common rail	IMO II	4550*1800*2450	11500
	CCFJ500J-WMW	-	500	CW6200ZD				IMO II	4550*1800*2450	11500
	CCFJ600J-WMV	-	600	XCW6200ZD				IMO II	4600*1800*2450	12000
	CCFJ700J-WMV	-	700	XCW6200ZD-10				IMO II	4600*1800*2450	12500
	CCFJ800J-WMV	-	800	XCW8200ZD-1				IMO II	5300*2000*2500	14000
	CCFJ900J-WMV	-	900	XCW8200ZD-10				IMO II	5300*2000*2500	14000
	CCFJ1000J-WMV	-	1000	XCW8200ZD-2				IMO II	5300*2000*2500	14000

	CCFJ1200J-WMV	-	1200	XCW12V200ZD				IMO II	5400*1900*3000	20000
	CCFJ1500J-WMV	-	1500	CW16V200ZD				IMO II	6500*1900*3000	25000
CW250	CCFJ1200J-WMX	-	1200	CW6250ZLD	Siemens	electric starter	Mechanical /electronic	IMO II	6150*1280*3100	24150
	CCFJ1700J-WMX	-	1700	CW8250ZLD				IMO II	7200*1280*3100	28000
WH20*	CCFJ600J-WM*	-	600	6WH20LCD700-7.5	Siemens	air starter	Mechanical /electronic	IMO II	5947*1600*261	18562
	CCFJ700J-WM*	-	700	6WH20LCD800-7.2				IMO II	5947*1600*2616	18562
	CCFJ800J-WM*	-	800	6WH20LCD900-7.5				IMO II	5947*1600*2616	18562
	CCFJ900J-WM*	-	900	6WH20LCD1000-1				IMO II	5947*1600*2616	18562
	CCFJ900J-WM*	-	900	6WH20LCD1000-9				IMO II	5947*1600*2616	18562
	CCFJ1100J-WM*	-	1100	6WH20LCD1200-1				IMO II	5947*1600*2616	18562
	CCFJ1200J-WM*	-	1200	6WH20LCD1320-1				IMO II	5947*1600*2616	18562

	CCFJ900J-WM*	-	900	8WH20LCD1000-7.5				IMO II	7156*1750*2694	22580
	CCFJ900J-WM*	-	900	8WH20LCD1000-7.2				IMO II	7156*1750*2694	22580
	CCFJ1100J-WM*	-	1100	8WH20LCD1200-7.5				IMO II	7156*1750*2694	22580
	CCFJ1100J-WM*	-	1100	8WH20LCD1200-9				IMO II	7156*1750*2694	22580
	CCFJ1250J-WM*	-	1250	8WH20LCD1440-1				IMO II	7156*1750*2694	22580
	CCFJ1250J-WM*	-	1250	8WH20LCD1440-9				IMO II	7156*1750*2694	22580
	CCFJ1400J-WM*	-	1400	8WH20LCD1600-1				IMO II	7156*1750*2694	22580
WH25*	CCFJ1100J-WM*	-	1100	6WH25LCD1296-7.2	Siemens	air starter	Mechanical /electronic	IMO II	7356*1850*2929	30560
	CCFJ1200J-WM*	-	1200	6WH25LCD1350-7.5				IMO II	7356*1850*2929	30560
	CCFJ1300J-WM*	-	1300	6WH25LCD1470-7.5				IMO II	7356*1850*2929	30560
	CCFJ1500J-WM*	-	1500	6WH25LCD1620-9				IMO II	7356*1850*2929	30560

CCFJ1600J-WM*	-	1600	6WH25LCD1800-1				IMO II	7356*1850*2929	30560
CCFJ1600J-WM*	-	1600	6WH25LCD1800-9				IMO II	7356*1850*2929	30560
CCFJ1800J-WM*	-	1800	6WH25LCD2010-1				IMO II	7356*1850*2929	30560
CCFJ1600J-WM*	-	1600	8WH25LCD1800-7.5				IMO II	7430*2120*2929	36852
CCFJ1600J-WM*	-	1600	8WH25LCD1800-7.2				IMO II	7430*2120*2929	36852
CCFJ1800J-WM*	-	1800	8WH25LCD2000-7.5				IMO II	7430*2120*2929	36852
CCFJ2000J-WM*	-	2000	8WH25LCD2200-1				IMO II	7430*2120*2929	36852
CCFJ2000J-WM*	-	2000	8WH25LCD2200-9				IMO II	7430*2120*2929	36852
CCFJ2000J-WM*	-	2200	8WH25LCD2450-1				IMO II	7430*2120*2929	36852

**Remark:**

**I. Definition of power:**

**Normal power of the generator set**

1. The average load rate exceeding 24 hours of running does not exceed 70%.
2. Within every 12h, with an overload by 10%, the engine can run for 1h.
3. The annual running time is not limited.

**Continuous power of the generator set:**

1. The annual running time is not limited.
2. Run under constant 100% load.
3. Every 12h, can overload 10% operation for 1h.

**II. The requirements of power matching:**

1. For ship types with annual running time exceeding 3000h or large impact load, such as seine fishing with light, refrigerating, rake and prick, floating crane, sand suction boat and wind power installation, the model shall be selected according to the continuous power of the generator set.
2. For ship types such as inland river transport ships, coastal fishing boats and high-speed boats with domestic electricity or auxiliary pumps as the main load, the model can be selected according to the normal power of the generator set.
3. For ship types such as Light lure fish ships, rake barbed fishing boats and floating crane class ships, sand suction, lifting class engineering ships, It is recommended to contact with the application department before selection

**III. Product Power Description:**

1. CW200 series, CW250 series, WH620 series, WH20 series, WH25 series, WH28 series common power and sustained power value is the same.
2. 2. high speed machine series, WHM6160 series, 170 series and WH17 series are divided into common power and continuous power.

**IV. Dimension and weight are for reference only.**

**V. The delivery date of products marked with \* shall be subject to the reply of the manufacturer. Product parameters and model portfolio are for reference only. Please contact relevant personnel for official information on delivery time and fishing boat model portfolio.**