



**2023MY CFMOTO POWER -
INVERTOR GENERATOR MANUAL**

• CFMOTO INVERTOR GENERATOR





Product Name	i20	i200	i25	i250	i30	i300	i45	i45E
Starting	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil/ Electric/ Remote
Displacement (cc)	79	79	79	79	79	79	212	212
Fuel Tank (L)	5	4	5	4	5	4	7	7
AC rated output / Running (VA)	1800	1800	2100	2100	2100	2100	3700	3700
AC max. output / Starting power (VA)	2000	2000	2400	2400	3000	3000	4500	4500
Continuous running time (hrs)	6-20 hours	6-20 hours	5-20 hours	5-20 hours	5-20 hours	5-20 hours		
Noise level dB(A)@7m	52-59	52-59	52-59	52-59	52-59	52-59	55-60	55-60
N.W. (kg)	19.5	19	19.5	19	19.5	19	36.6	37.7
DC output	12V/8A power socket	5V/2A USB	12V/8A power socket	5V/2A USB	12V/8A power socket	5V/2A USB	5V/2A USB 12V/8A power socket	5V/2A USB 12V/8A power socket
Color	Dark Grey	Dark Grey	Dark Grey	Dark Grey	Dark Grey	Dark Grey	Dark Grey	Dark Grey

Note:

1. i20, i25, i30 are not for Russia and Japan.
2. i45 and i45E are not for Australia.



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REF	PRODUCT NAME	PRODUCT CODE	POWER	STARTING	PHOTO	STANARDED	AC
1	GENERATOR - i20	852100-00004	2.0kW	Recoil		EUROPE	230volt/50Hz
2		852100-00005				U.S.	120volt/60Hz
3		852100-00034				Canada	120volt/60Hz
4		852100-00006				Australia	230volt/50Hz
5		852100-00019				China	230volt/50Hz
6		852100-00024				Korean	220volt/60Hz
7		852200-00018				U.K.	230volt/50Hz
8	GENERATOR – i200 (new body design + 5V/2A USB)	852200-00001	2.3kW	Recoil		EUROPE	230volt/50Hz
9		852200-00002				U.S.	120volt/60Hz
10		852200-00004				Canada	120volt/60Hz
11		852200-00003				Australia	230volt/50Hz
12		852200-00003				China	230volt/50Hz
13		852200-00015				Korean	220volt/60Hz
14		852200-00015				U.K.	230volt/50Hz



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REF	PRODUCT NAME	PRODUCT CODE	POWER	STARTING	PHOTO	STANARDED	AC
15	GENERATOR - i25	852100-00007	2.4kW	Recoil		EUROPE	230volt/50Hz
16		852100-00008				U.S.	120volt/60Hz
17		852100-00035				Canada	120volt/60Hz
18		852100-00009				Australia	230volt/50Hz
19		852100-00020				China	230volt/50Hz
20		852100-00025				Korean	220volt/60Hz
21		852200-00019				U.K.	230volt/50Hz
22	GENERATOR – i250 (new body design + 5V/2A USB)	852200-00005	2.6kW	Recoil		EUROPE	230volt/50Hz
23		852200-00006				U.S.	120volt/60Hz
24		852200-00008				Canada	120volt/60Hz
25						Australia	230volt/50Hz
26		852200-00007				China	230volt/50Hz
27						Korean	220volt/60Hz
28		852200-00016				U.K.	230volt/50Hz





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REF	PRODUCT NAME	PRODUCT CODE	POWER	STARTING	PHOTO	STANARDED	AC
29	GENERATOR – i30	852100-00010	3.0kW	Recoil		EUROPE	230volt/50Hz
30		852100-00011				U.S.	120volt/60Hz
31		852100-00036				Canada	120volt/60Hz
32		852100-00012				Australia	230volt/50Hz
33		852100-00021				China	230volt/50Hz
34		852100-00026				Korean	220volt/60Hz
35		852200-00020				U.K.	230volt/50Hz
36	GENERATOR – i300 (new body design + 5V/2A USB)	852200-00009	2.6kW	Recoil		EUROPE	230volt/50Hz
37		852200-00010				U.S.	120volt/60Hz
38		852200-00012				Canada	120volt/60Hz
39		852200-00011				Australia	230volt/50Hz
40		852200-00011				China	230volt/50Hz
41		852200-00011				Korean	220volt/60Hz
42		852200-00017				U.K.	230volt/50Hz



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REF	PRODUCT NAME	PRODUCT CODE	POWER	STARTING	PHOTO	STANARDED	AC
43	GENERATOR - i45	852100-00013	4.5kW	Recoil	 	EUROPE	230volt/50Hz
44		852100-00014				U.S.	120volt/60Hz
45		852100-00037				Canada	120volt/60Hz
46		852100-00015				Australia	230volt/50Hz
47		852100-00022				China	230volt/50Hz
48		852100-00027				Korean	220volt/60Hz
49		852200-00021				U.K.	230volt/50Hz
50	GENERATOR - I45e	852100-00016	4.5kW	Recoil/ Electric/ Remote	 	EUROPE	230volt/50Hz
51		852100-00017				U.S.	120volt/60Hz
52		852100-00038				Canada	120volt/60Hz
53		852100-00018				Australia	230volt/50Hz
54		852100-00023				China	230volt/50Hz
55		852100-00028				Korean	220volt/60Hz
56		852200-00022				U.K.	230volt/50Hz

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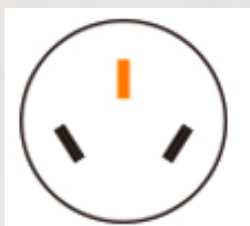


REF	PRODUCT NAME	PRODUCT CODE	POWER	STARTING	PHOTO	STANARDED	AC
57	GENERATOR - i20 (with parallel function) ** parallel cable CF-852022-00001	852200-00013	2.0kW	Recoil		EUROPE	230volt/50Hz
58						U.S.	120volt/60Hz
59						Canada	120volt/60Hz
60						Australia	230volt/50Hz
61						China	230volt/50Hz
62						Korean	220volt/60Hz
63						U.K.	230volt/50Hz
64	GENERATOR – i30 (with parallel function) ** parallel cable CF-852022-00001	852200-00014	2.3kW	Recoil		EUROPE	230volt/50Hz
65						U.S.	120volt/60Hz
66						Canada	120volt/60Hz
67						Australia	230volt/50Hz
68						China	230volt/50Hz
69						Korean	220volt/60Hz
70						U.K.	230volt/50Hz

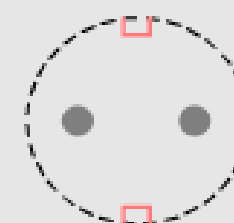
** parallel cable CF-852022-00001

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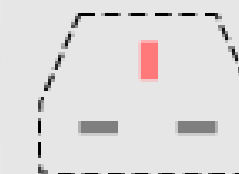


REF	Standard	Power Voltage	Frequency	Socket
1	EUROPE**	230V	50HZ	
2	U.S. & Canada	120V	60HZ	
3	Australia & International	230V	50HZ	
4	Korean	220V	60HZ	

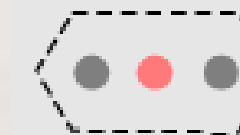
Note: **the European standard is mainly equipped with German standard socket, which can be applied to most Europe markets. However, some Europe markets' sockets are special, such as U.K. and Italy. If the quantity is large (more than 200 sets), it can be customized. Or else, the adaptors which match with German standard socket will be applied.



(F) 德国



(G) 英国



(L) 意大利

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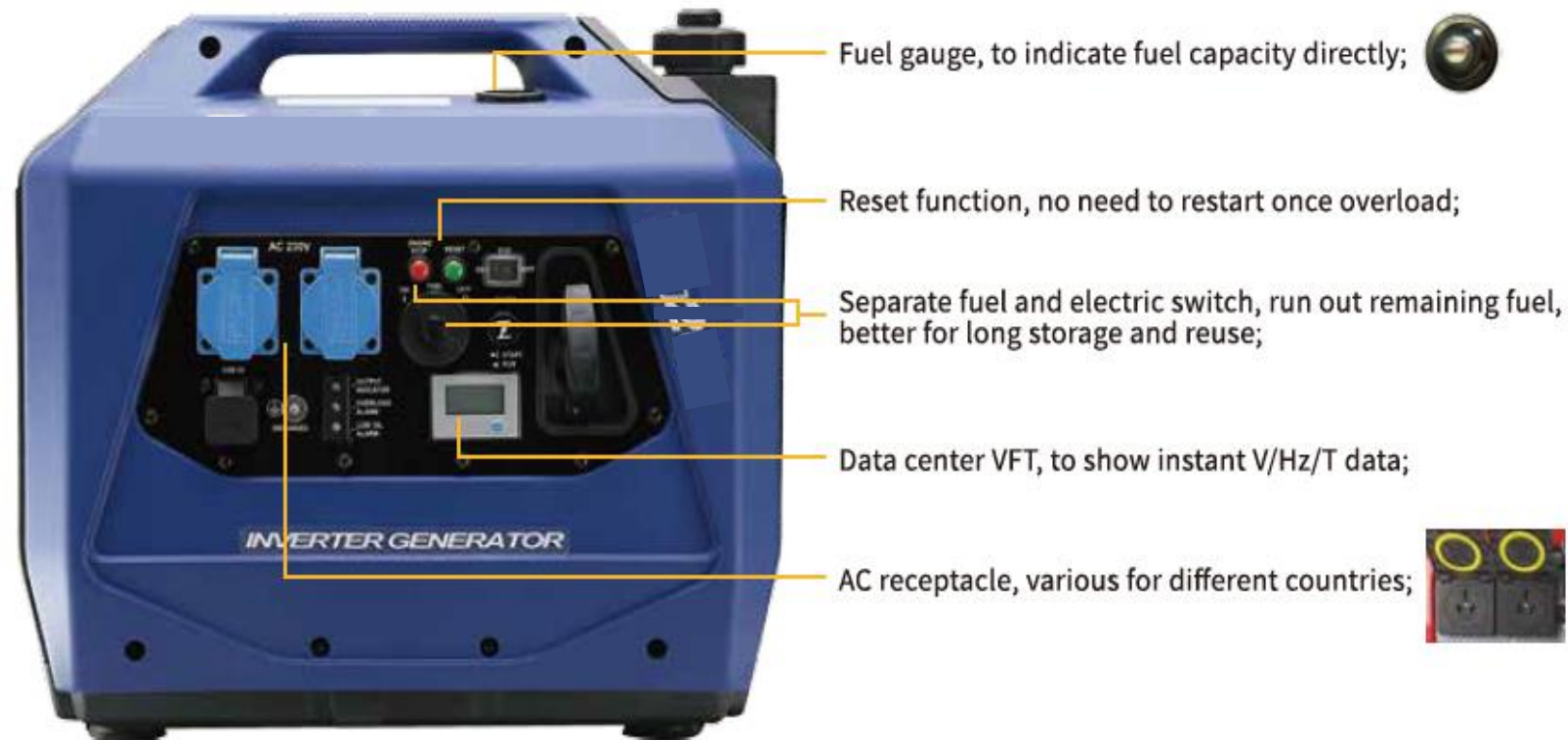
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Function & Features - i20, i25, i30



MAIN FEATURES:

- 15% lower fuel consumption, especially conventional generators;
- 2.5% lower THD stable output for precise instrument;
- 50°C high-temperature environment workable, no overheating shut-down;
- 8 minutes to access to any part, for easy inspection, maintenance or repair;
- Starting direct gravity fuel supply, for better recoil starting by 1-2 pulls;
- Patented outer structure of fully-enclosed housing for strength and lower noise;
- Patented inner structure of dual-fan, dual-air channel, dual-muffler, and double-layer acoustic hood for better cooling, lower emission and noise.

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Product Name: **CFMOTO GENERATOR – i20 & i200**



Color Available: Blue

◆ **Note:**

An adaptor will apply to some markets such as U.K., Italy.

Product Name	i20	i200
Starting	Recoil	Recoil
AC rated output (VA)	1800	1800
AC max. output (VA)	2000	2000
Continuous running time (hrs)	6-20 hours	6-20 hours
Noise level dB(A)@7m	52-59	52-59
N.W. (kg)	19.5	19
DC output	12V/8A power socket	5V/2A USB

*Photos are for illustrative purposes only. Specs to change without notice. Subject to material object. Details in store.

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Product Name: **CFMOTO GENERATOR – i25 & i250**

2.5kW model is upgraded base on 2kW model.
 2.5kW model outputs **2100W** running power and 2400W starting power, much competitive in market at this power range, especially powering most 18A power tools in US market.

Product Name	i25	i250
Starting	Recoil	Recoil
AC rated output (VA)	2100	2100
AC max. output (VA)	2400	2400
Continuous running time (hrs)	5-20 hours	5-20 hours
Noise level dB(A)@7m	52-59	52-59
N.W. (kg)	19.5	19
DC output	12V/8A power socket	5V/2A USB

Color Available: Blue

◆ Note:

An adaptor will apply to some markets such as U.K., Italy.



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Product Name: **CFMOTO GENERATOR – i30 & i300**

2.7kW model is upgraded base on 2.5kW model.

2.7kW model innovatively upgrades starting power to **3000W**, which help powering equipment installed with motor and compressor...etc, that require double or triple higher starting power than running power, such as 1.5HP air conditioner, water pump, oven, cleaning machines, etc.

Color Available: Blue

◆ **Note:**

An adaptor will apply to some markets such as U.K., Italy.



Product Name	i30	i300
Starting	Recoil	Recoil
AC rated output (VA)	2100	2100
AC max. output (VA)	3000	3000
Continuous running time (hrs)	5-20 hours	5-20 hours
Noise level dB(A)@7m	52-59	52-59
N.W. (kg)	19.5	19
DC output	12V/8A power socket	5V/2A USB

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Function & Features - i45, i45E



Stackable design, with flat top cover to save space and easy transportation;

Fuel gauge, to indicate fuel capacity directly;



Portable, hidden dual handlebar, telescope handles with large wheels for easy moving;

AC receptacle, various for different countries;



Data center VFT, to show instant V/Hz/T data; All controls integrated in one-side control panel;

MAIN FEATURES:

- Convenient rear cover for repair and all maintenance items;
- Compact size, 10% less than competitors, to save space;
- Fashionable design to attract eyesight;
- Super silent, not disturb other persons;
- 2.5% lower THD stable output for precise instrument;
- lower fuel consumption, especially conventional generators;
- Patented inner and outer structures, more strength and stability.

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Product Name: **CFMOTO GENERATOR – i45**



Product Name	i45
Starting	Recoil
AC rated output (VA)	3700
AC max. output (VA)	4500
Noise level dB(A)@7m	55-60
N.W. (kg)	36.6
DC output	5V/2A USB 12V/8A Cig socket

Color Available: White

◆ Note:

An adaptor will apply to some markets such as U.K., Italy.

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Product Name: **CFMOTO GENERATOR – i45E**

Product Name	i45E
Starting	Recoil/Electric/Remote
AC rated output (VA)	3700
AC max. output (VA)	4500
Noise level dB(A)@7m	55-60
N.W. (kg)	37.7
DC output	5V/2A USB 12V/8A Cig socket

Color Available: White

◆ **Note:**

An adaptor will apply to some markets such as U.K., Italy.

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CFMOTO GENERATOR – i45 & i45E

Stackable design

- **Flat top** design, as a table, easily to place extra stuff on;
- **Stackable** design to save space and move easily;

Noise

Super silent model with noise proof plastic housing and inner noise reduction design, to give you a quite experience;

Noise level **55-60dBA@7m**



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CFMOTO GENERATOR – i45 & i45E



Portable

Multiple portable devices for easy moving, such as:

- a. Telescope handle;
- b. Hidden dual handlebar, with anti skidding design;
- c. Large and diamond-curved wheels, with logo cover;

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CFMOTO GENERATOR – i45 & i45E

Digital data center VFT

Indicate operation data, easy to read:

- V-Voltage
- F-Frequency
- T-Time for single/total hours



Auto air venting system

To keep the air pressure balanced between fuel tank and outside, no need to turn on cap knob for fuel supply.



Simply the operation. *Photos are for illustrative purposes only. Specs to change without notice. Subject to material object. Details in store.

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CFMOTO GENERATOR – i45 & i45E

Repair cover

Simply remove two screws to disassemble the repair door easily

Do repair and maintenance work in one location, as follows:

- **Engine oil** filling and drain
- **Air box** maintenance
- **Spark plug** maintenance
- **Gasoline drain** from carburetor



Integrated control panel

All control units are integrated in control panel area, easy and simple to operate.



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Optional electric starting model

- Electric starting
- Remote starting
- Auto Choke (no need to pull/push choke)

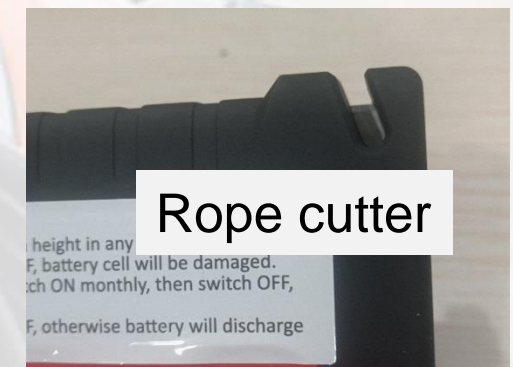
Multi-functional battery :

- Battery for electric starting use;
- Power pack to charge cell phone;
- Jumper starter for car battery;

CFMOTO GENERATOR – i45 & i45E



Multi-function battery specs	
Size:	175*85*35mm
Capacity:	8000mAH
N.W.:	395g
Output 1 for start car:	12V
Output 2 for USB:	5V/2A dual sockets
Input 1:	13.5V/1A
Input 2:	5V/2A
Charging time:	5 hours
Starting current:	300A
Peak current:	600A
Cycle life:	≥3000 times
Working temperature:	-20° ~80°
LED mode:	Lighting/Flashing/SOS



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Separate fuel switch and electric switch

- a. For short stop, just shut the electric switch;
- b. For long-time storage, shut the fuel switch, the generator will run out all remaining fuel inside fuel supply system, to guarantee next starting easily.



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