



**PARALLEL RUNNING KIT
TO SUIT EF2000iS & EF2400iS**



**OWNERS
MANUAL**

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**GENERATORS FOR PARALLEL USE NEED TO BE 'LIKE' FOR 'LIKE'.
EG. EF2000IS WITH EF2000IS OR EF2400IS WITH EF2400IS ONLY.**

PROCEDURE

STARTING

1. Have two Yamaha EF2000iS or two Yamaha EF2400iS generators available.

BUTTONS

Turn off both generators (engines) and unplug all cables of electrical devices connected to the sockets if connected.

2. Securely plug the connector plugs **2** of the parallel cable set **1** into the connector sockets **3** located on the control panel of each generator.

3. Connect the ground connection terminals **4** of the parallel cable set to the ground terminals **5** of each of the two generators.

BUTTONS

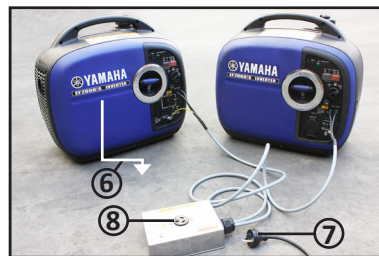
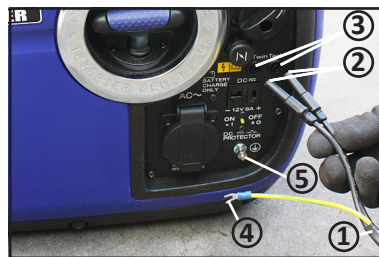
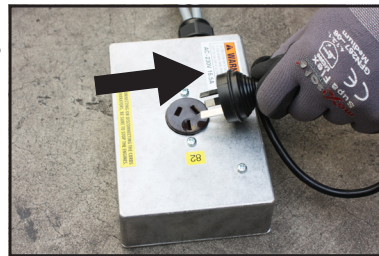
Always make sure to ground (earth) the frame of one of the generators if the electrical device being used is grounded **6.**

4. Start both generators (engines) and confirm that both generators started. The procedure for starting the generators is the same as the normal starting procedure (Refer to the section on "STARTING THE ENGINE" of the generator owner's manual provided with the EF2000iS or EF2400iS.)

NOTE: At this time, although the output indicator lamp of the other generator that is not started will light when one of the generators is started, the engine will not start. Always make sure to start the generators one at a time and confirm that both generators are running properly by observing the engine noise and exhaust noise.

5. Securely plug the special plug **7** of the electrical device into the socket **8** of the parallel cables set and then turn on the power of the electrical device.

NOTE: Refer to the generator owner's manual provided with the EF2000iS or EF2400iS for information on the rated output of the sockets of the parallel cable set during parallel running. Do not exceed the rated output.



STOPPING

1. Turn off the power of the electrical device and then unplug the cable (special plug) from the sockets.
2. Turn off both generators and then disconnect the parallel cable set from the two generators.

WARNING

- During the parallel operation, only use the output from the socket of the parallel cable set. Do not use the socket on the generator control panel.
- Never connect to an electrical line from a power company.
- The Yamaha genuine EF2000iS and EF2400iS special-purpose parallel cable set can only be used for parallel operation of two Yamaha EF2000iS or two Yamaha EF2400iS. It cannot be used for parallel operation of three or more generators. Nor can it be used to connect an EF2000iS to an EF2400iS and vice-versa.
- EF2000iS or EF2400iS inverter generators can only be operated in parallel using Yamaha genuine special-purpose parallel cable set to suit EF2000iS or EF2400iS. Never attempt to connect the generators using a cable other than the special-purpose parallel cable set.
- Securely plug in the special connector plugs all the way into the sockets when connecting the parallel cable set the generators and when connecting any electrical device.
- Always make sure to plug a compatible plug into the socket of the parallel cable set.
- Do not disconnect the parallel cable set during parallel operation. Connect the parallel cable set prior to starting the engine, and only disconnect it after turning off the engine.
- Do not output electricity after stopping one of the generator engines with the parallel cable set still connected.
- When operating a single generator alone instead of parallel running, always make sure to disconnect the parallel cable set from the generator.
- Do not connect the parallel cable set when two generators are operating independently.
- Carefully read the generator-operating manual provided with the EF2000iS or EF2400iS when using the generator.