YAESU FP-29 AC POWER SUPPLY

for the FT-1000MP MARK-V HF Transceiver

The **FP-29** is an external AC power supply for use with the **FT-1000MP MARK-V** HF Transceiver, providing 30 Volts DC at up to 15 amperes for extended periods.

Excellent regulation and conservative design assure the owner of many years of trouble-free operation. A thermally-switched cooling fan automatically activates during long periods of high current demand, to maintain a safe operating temperature in the power supply.

Specifications

DC Output Voltage: +30 V, +13.8 V

DC Output Current: +30 V: 15A; +13.8 V: 3A Input Voltage: AC 100-120V, 50 - 60 Hz AC 200-240 V, 50 - 60 Hz

Current Consumption (Approx.): AC 100-120 V: 9 A, AC 200-240 V: 5 A

Operating Temperature Range: -10 °C ~ +50 °C

Case Size (W x H x D): 106 x 135.5 x 331 mm (4.2 x 5.3 x 13 inch)

Weight (Approx.): 3.2 kg (7 lbs)

Specifications are subject to change without notice or obligation.

Supplied Accessory

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DC Power Cable	e: T9022299 (length: 2 meters)	1
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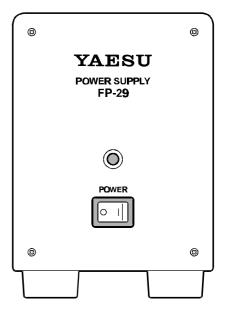
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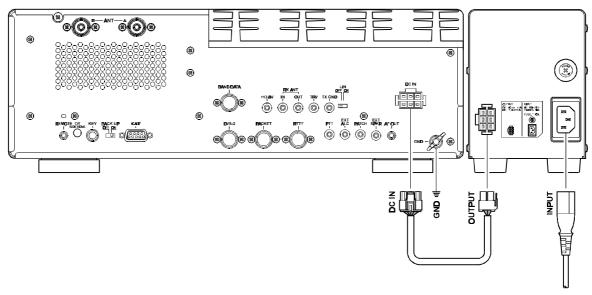
INSTALLATION

Before connecting the **FP-29** to any power source, be absolutely certain that the voltage specification on the rear panel matches your local supply voltage. The **FP-29** is manufactured for use around the world, from a variety of power sources, and the wiring must be connected properly to prevent damage to the internal circuit.

Connect the supplied AC Power Cable between the **FP-29** AC jack and AC line outlet, then connect the supplied DC Power Cable between the **FP-29 OUTPUT** jack and **FT-1000MP MARK-V DC IN** jack.

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Warning: Our Warranty does not cover damage caused by improper supply voltage nor use of an improper fuse.



Operation

- ☐ Turn on the **FP-29 MAIN** switch on the front panel to activate the power supply. Always turn the **FP-29 MAIN** switch on *before* turning on the **FT-1000MP MARK-V POWER** switch.
- ☐ To turn off the FP-29, always turn the FT-1000MP MARK-V POWER switch off <u>before</u> turning off the FP-29 MAIN switch.

Changing AC Mains Jumper Wiring -

- ☐ Before change the AC Main Jumper, disconnect the AC Power Cable from the AC line outlet, then wait 10 minute for discharge the capacitor to prevent the electorical shock.
- ☐ Remove the 10 screws (right side: 6 screws; left side: 4 screws) affixing the top cover of the FP-29, and remove the top cover.
- ☐ Perform the correct wiring on the Switching Regulator Unit for the AC Mains voltage used in your area (AC 100-120 V or AC 200-240 V) as shown below. There are three screw terminals involved, and a jumper must be connected across two of them, per the drawing at the right.
- ☐ Change the fuse in the fuse holder on the rear panel, as indicated below. Do not use slow-blow type fuses.

100 ~ 120 V 10 A

200 ~ 240 V 6 A

Also, change the voltage marking on the label on the rear panel to match the new voltage setting.

 $\hfill\Box$ Replace the top cover and its 10 screws. This completes the wiring change.



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