



SWITCH MODE POWER SUPPLY

INSTRUCTION MANUAL

SS-606 & SS-606H

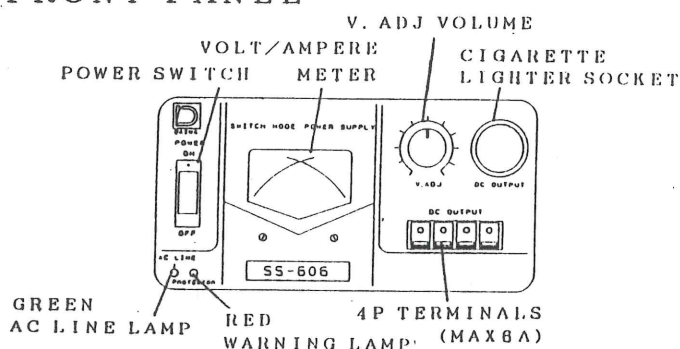
DAIWA's lightweight, compact, and highly efficient switch-mode power supply is capable of delivering 60A at all DC OUTPUT VOLTAGES.

Only DAIWA gives you a 60A switch-mode power supply. Slim, compact, lightweight. These words describe the exterior of the new SS-606. Rugged, innovative, sturdy. These words describe what is on the inside.

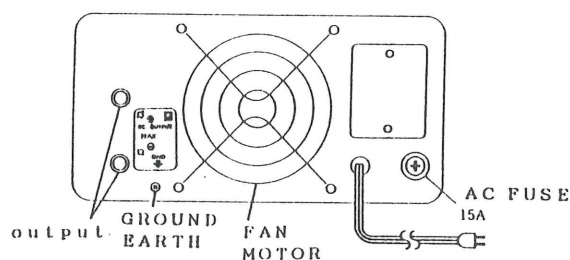
■ FEATURES

- 1/4 the weight (4.8Kg), and 1/3 the size of conventional power supplies.
- The use of high speed F.E.T. technology ensures 84% conversion efficiency.
- 60A available at all DC output voltages. (SS-606H:30A available at 15-30 DC output voltages.)
- Can be used for DC motors requiring peak starting currents.
- The SS-606 will accept input voltages ranging from 70-132V or 140-264V. DC13.8V/15A at AC 70V and AC 140V.
- Automatic cooling fan.
- Perfect for laboratory, industrial, and ham radio applications.

■ FRONT PANEL



■ REAR PANEL



■ SPECIFICATIONS

INPUT VOLTAGE	AC100-117V OR AC220-240V	CONVERSION RATIO	84% at 40A
* INPUT VOLTAGE RANGES	AC70-132V OR AC140-264V	PROTECTION CIRCUIT	When 61A-H TYPE 31A
OUTPUT VOLTAGE	5-15V DC VARIABLE	POWER CONSUMPTION	1000W
OUTPUT CURRENT	60A continuous	FUSE	15A or 8A
VOLTAGE FLUCTUATION	less than 1.5%	DIMENSIONS (mm)	216W x 110H x 360D
RIPPLE VOLTAGE	less than 5mV	WEIGHT	only 4.8Kg

* Applicable a wide range of input voltages, but DC13.8V/20A at AC 70V and 140V.

* Output voltages:15-30V,30A continuous is available as a version for ss-606

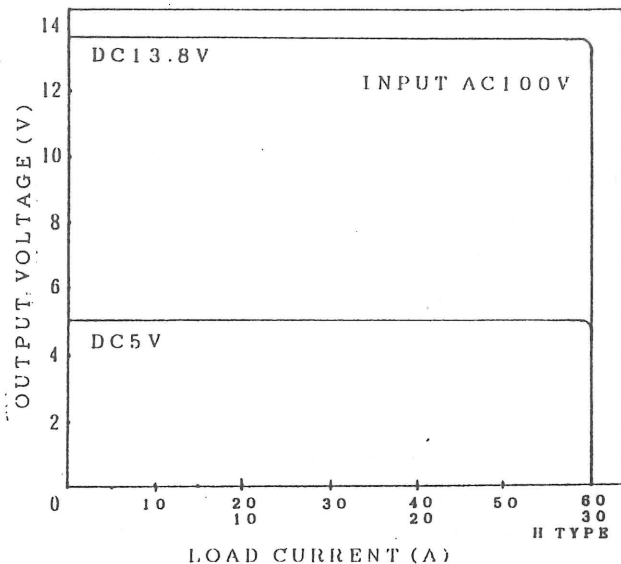
When you place order, please make sure whether ss-606 or ss-606H.

■ CAUTION

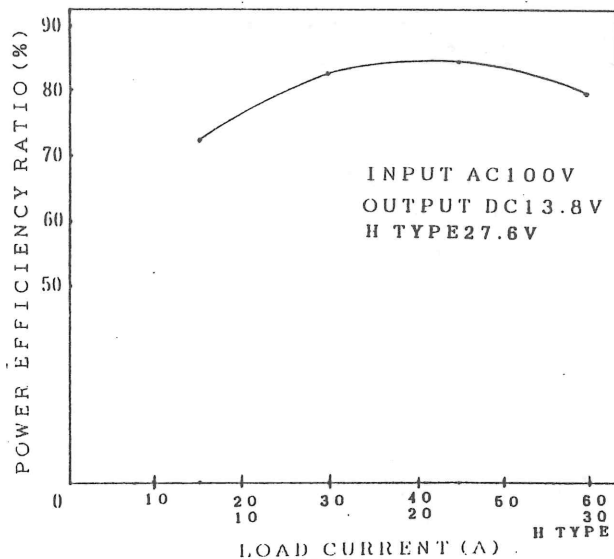
- 1) PLEASE DON'T USE AS A CAR BATTERY CHARGER.
- 2) Use the SS-606 only in a well ventilated place.
- 3) Connect the AC plug directly to an AC wall socket.
- 4) Connect the chassis of the unit to the ground earth.
- 5) At high internal temperatures, the protection circuit will limit the output current.
- 6) Due to the presence of large magnetic field, please ensure that the output cable of the SS-606 is kept as far away from your antenna connecting cable as possible.
- 7) Be sure to use at least 5.5 mm diameter wire.

SS-606 CHARACTERISTICS.

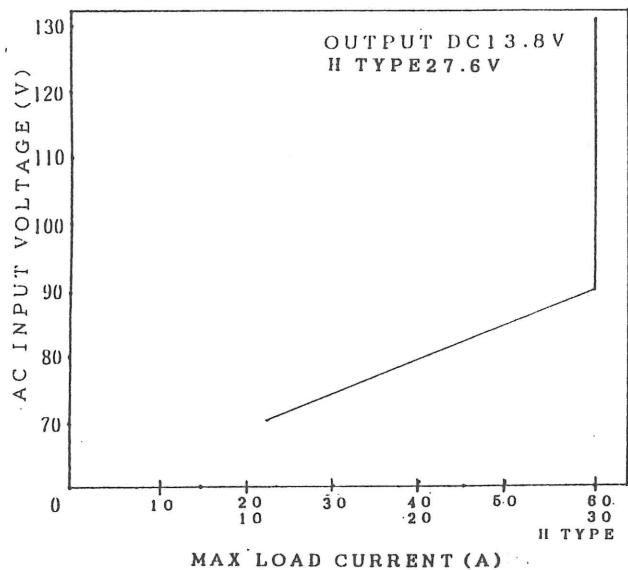
1. OUTPUT VOLTAGE V. S. LOAD CURRENT



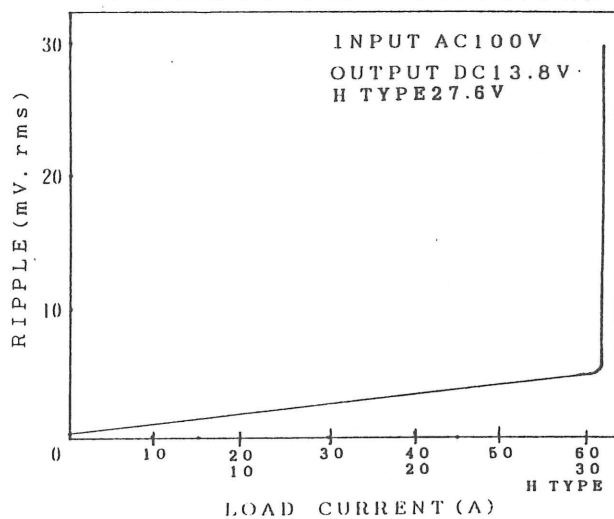
2. POWER EFFICIENCY RATIO



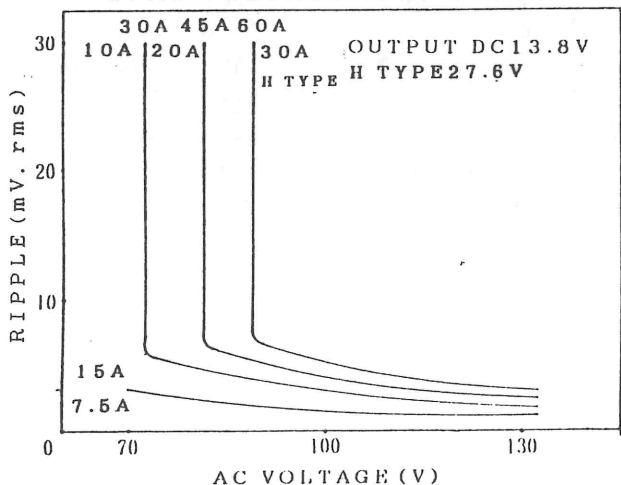
3. AC INPUT VOLTAGE V. S. MAX LOAD CURRENT



4. LOAD CURRENT V. S. RIPPLE



5. AC VOLTAGE V. S. RIPPLE



6. HERTSINK TEMPERATURE V. S. FAN SPEED

