



Important: Please read and save the operating instructions.  
 Danger: To reduce the risk of fire or electric shock, carefully follow these instructions.

**Storage, Operation, Set-Up**

1. Be sure that the power source is equipped with a circuit breaker.
2. Store the power pack in a place free from excessive humidity, temperature, and dust. Keep it away from metallic objects.
3. Do not place objects on the unit.
4. Use the fittings provided to secure the unit. The installation area should be vibration free.
5. Do not store the unit next to high voltage equipment.

**Caution**

1. Do not drop the power supply.
2. Connect to a power source of only the specified voltage.
3. Only use compatible screwdrivers with the power supply.
4. Do not drag the unit by its power cord. Keep the cord away from foreign objects, oil, and sharp implements.
5. Grasp the plug when disconnecting the power cord.
6. Do not disassemble or modify the unit.
7. If the unit overheats, activates a circuit breaker, or exhibits other abnormalities, stop operation immediately, unplug the unit, and contact ASG for repair.
8. When the unit is not in use, turn the power switch off and disconnect it from its power source.
9. For connection to a supply not in the USA, use an attachment plug adapter of the proper configuration for the power outlet.
10. Install a leakage breaker and safety breaker on the input power source and connect the ground to use the unit.
11. Do not use if the AC cord is cut, frayed, or abraded.

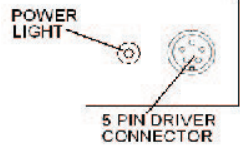
**Compatible Screwdrivers**

Power Supply	For use with	Compatible Screwdrivers
PS-55C	1 screwdriver	BL-2000 CL-2000 CL-3000 CL-4000 SS-3000 SS-4000 TL-3000
PS-55	1 screwdriver	BL-2000 BL-5000 CL-2000 CL-3000 CL-4000 A-4500 A-5000 CL-6000 CL-6500 TL-3000 TL-6500 SS-3000 SS-4000 SS-6500 SSCR-3000 SSCR-4000 SSCR-6500
PS-110	2 screwdrivers	BL-2000 BL-5000 CL-2000 CL-3000 CL-4000 A-4500 A-5000 CL-6000 CL-6500 TL-3000 TL-6500 SS-3000 SS-4000 SS-6500 SSCR-3000 SSCR-4000 SSCR-6500

The PS-55C has a reduced output capacity and will not properly operate tools other than the tools listed. You would not be able to achieve full performance on tools not listed. While CL-7000, BL-7000 SS-7000 and A-6500 series tools will operate using the PS-55, PS-55 SS and PS-110 you may not be able to achieve full performance or the maximum rated torque output of these tools. Please contact ASG with any questions regarding screwdriver/power supply compatibility.

**Specifications**

Model Number	PS-55	PS-110	PS-55C
Input Voltage	110-115 VAC 2A/ 220-230 VAC 1A		110-115 VAC 2A
Output Amp	2.5		1.5
Output Voltage	20-30 DC		20-30 DC
Size	7.1 x 3.5 x 4 in 180.3 x 88.9 x 101.6 mm		4.1 x 2.4 x 2.4 in. 104.14 x 61 x 61 mm
Weight	6.5lb (2.9 kg)		2.2 lb (1 kg)
AC Cord Length	6 ft. (1.8m) detachable		3 ft. (0.9m)

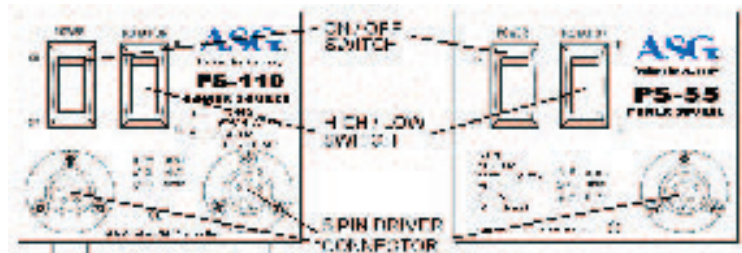


#### Front View of PS-55C

The PS-55 C is a smaller lighter power supply enclosed in a plastic case. It has a lower output which is why it can only be used properly with the smaller lighter torque drivers.

#### Front View of PS-55 and PS-110

The ON / OFF switch will illuminate when the switch is turned to the ON position. The HIGH/ LOW switch will change the DC output voltage from 30 VDC to 20VDC. The PS-110 can power 2 drivers at the same time. NOTE: while the PS-110 unit can power two screwdrivers simultaneously both drivers will operate at the same speed setting as determined by the position of the HIGH/LOW switch.



#### CE Approval

The PS-55 and PS-110 carry the CE approval. The PS-55C does not, but is double insulated for electrical safety and uses the same PC board assembly as the PS-55. The PS-55C does provide a ground path through the 3rd pin on the plug.

#### Rear View of PS-55 and PS-110

- The PS-55 can operate either on 110-115 VAC or 220-230 VAC by selecting the desired voltage on the slide switch located on the back of the units. NOTE: 220 VAC option not available on PS-110.
- Only the PS-55 is designed to connect to the STC-02 Screw Counter, ASG # 65646.
- Optional cable, #65705 is available to connect the PS-55 to a PLC or other equipment to provide a momentary dry contact / relay closure signal when the clutch shuts off.

#### Cord, Fuse, Circuit Breaker

- The PS-55 and PS-110 all have a detachable IEC style AC cord. The AC cord supplied with the units have the correct style plug for operating in the US. If you are using the unit on 220-230 VAC, or outside the US where a different style connector is needed, these can be acquired locally.
- All units have an internal circuit breaker protecting the DC output. If the breaker opens, turn the power off and wait a few minutes to allow the circuit breaker to reset. If the breaker is continually opening it could mean you have a problem with the tool or the tool power cord, the power supply or have selected the wrong screwdriver or power supply for the application. Contact ASG.
- The AC FUSE on the PS-55 and PS-110 is located in the IEC connector on the back of the units along with a spare fuse. The spare fuse is located in the rear "pocket" of the fuse holder. The part # for the replacement fuse is # 720318, or use a GMA-2R Bussman 2 Amp fuse or equivalent. NOTE: The PS-55C has a hard wired cord and can be operated on 110-115 VAC ONLY. The PS-55C AC FUSE is inside the case and is not recommended to be replaced by the user.

