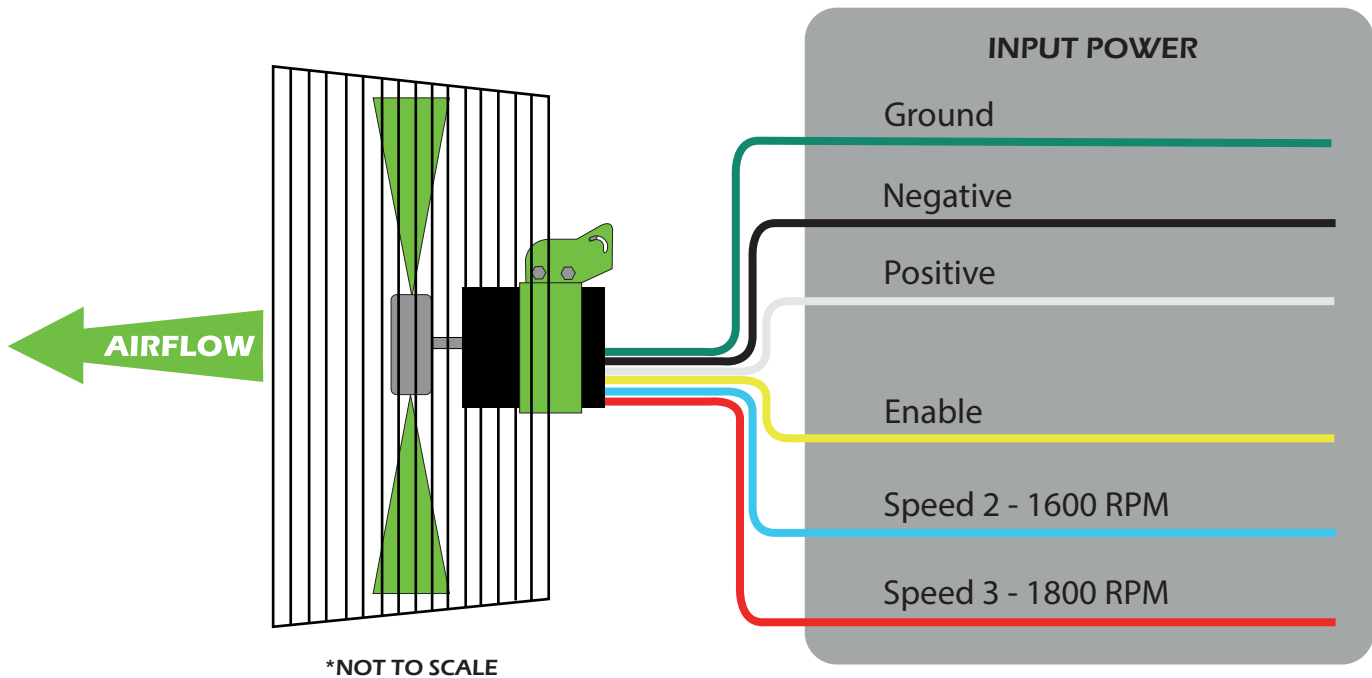# SOLAR/BATTERY EC20 MAX DC
SNAP-FAN WIRING INSTRUCTIONS

⚠ **WARNING: NO SERIES WIRING**. Do NOT wire multiple fans in series to power supply. Only wire fans in parallel or directly to power supply. Wiring fans in series will void warranty and may result in motor failure.

⚠ Only a qualified and licensed electrician or contractor should install or service Snap-Fan products. If someone other than a licensed electrician installs a Snap-Fan, Snap-Fan disclaims all warranties for the product, and specifically disclaims any warranty for consequential damages.

AIRFLOW

NOT TO SCALE

INPUT POWER

Ground

Negative

Positive

Enable

Speed 2 - 1600 RPM

Speed 3 - 1800 RPM

1. **Connect fan's Ground (green) and Negative (black) wires to corresponding wires from power source.**

2. **Connect Positive (white) wire to positive wire from power source.**

3. **Enable wire (yellow) must be connected to positive wire from power source for fan to run. When it is connected to the positive the fan will run on low speed (1000 RPM). Enable wire is a low current enable/disable switch the can be used for on/off circuit breakers or thermostats.**

4. **To run the fan on speed 2 (1600 RPM) couple (blue) wire with Positive (white) and Enable (yellow) to the positive from power source. Enable wire will work the same as previously described.**

5. **To run the fan on speed 3 (1800 RPM) couple the (red) wire with Positive (white) and Enable (yellow) to the positive from power source. Enable wire will work the same as previously described.**

6. **Use a wire nut or electrical tape to seal off any unused wires.**

Please note - RPM's listed are the MAX RPM the fan can run. Fan speed will fluctuate in proportion to the amount of power it is receiving. If fan is wired directly to solar panel, fan speed will vary depending on the amount of power the panel is producing (the amount of direct sunlight the panel is receiving).

Safety Information

⚠ All applicable electrical safety precautions and building codes must be adhered to and followed when installing this product. Occupational Safety and Health Administration (OSHA) requires bottom of fan blade must be at least 7 ft from floor.
Refer to installation and operation manuals before installing, servicing or operating this unit.