



# Rotor Genius

## Motor Control Unit

The central unit can be mounted on the tower base or placed inside the shack.

Rotator Genius can control:

- Low Range DC motors – 3 to 48V, up to 15A of current
- Low Range AC motors – 3 to 48V, up to 15A of current
- High Range AC motors single phase – 110 to 220V
- High Range AC three phase motors – 110 to 380V
- Prop Pitch motors

One Rotator Genius can control two separate motors.

You need to select a power supply appropriate to the rotors you intend to control.

Rotator Genius can supply the rotor it controls in 100/75/50/25% voltage value.

Some minor losses are incurred so oversizing the power supply by about 10% is recommended (depends on the PSU used).

## Sensor

The sensor uses a magnetic compass that reads azimuth. This insures you will never have problems with pulse, pot meter sensors, broken indicators or inaccurate readings.

Housed in a waterproof box for tower or boom mounting.

Accuracy within 1 degree. No need for initial calibration.

User programmable true north and magnetic north correction.

You can use up to two sensors with one RG control unit.

Use a quality shielded SFTP network cable to connect the sensor to the RG.

Power voltage:	13.8 to 48V DC
Power consumption:	120mA with no motors

Power supply is not included.