

R Series/ AE50R



**GLOBAL
SUPPORT**



PRODUCTION
> 1,600 engines
in service



**POWER : WEIGHT
RATIO**
2 : 1



**EASA
CERTIFIED**



POWER
50 HP

(Status March 2022)

Specifications

Displacement	294 cm ³ (17.94 cu.in)
Fuel	AVGas 100LL or RON 95 Unleaded
Engine Oil	approved synthetic
Coolant	50% glycol, water
Engine Control	ECU
Ignition Timing	variable
Spark Plug	surface discharge
Alternator	14 Volt / 18 Amp
Weight (dry)	24.5 kg / 54.0 lb
Performance at sea level	37.3 kW / 50 hp
Max. RPM	7,750 min ⁻¹
Max. Torque	52.5 Nm



AE110R



**GLOBAL
SUPPORT**



**FUEL INJECT-
ED**



**ELECTRICAL
POWER**
200 W



WEIGHT
47 KG



POWER
110 HP

(Status March 2022)

Preliminary Specifications

Engine type	Rotary engine
Max. takeoff power	80 kW / 110 hp
Displacement	588 cm ³
RPM@ max. takeoff power	7,750 rpm
Max. continuous power	70 kW / 95 hp
RPM@ max. continuous power	7,100 rpm
Electrical power output	200 W
Base engine weight (no fuel pump, muffler, propeller, coolant, etc.)	47 kg / 103.5 lbs



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