

2-Stroke Engine GT33REU TWIN

Rated output of 2kW by combining 2units

RANGE EXTENDER

(TO BE BUILT IN A DRONE)



**2 units can be operated in parallel!
Continuous rated output of 2kW when 2 units are combined !**

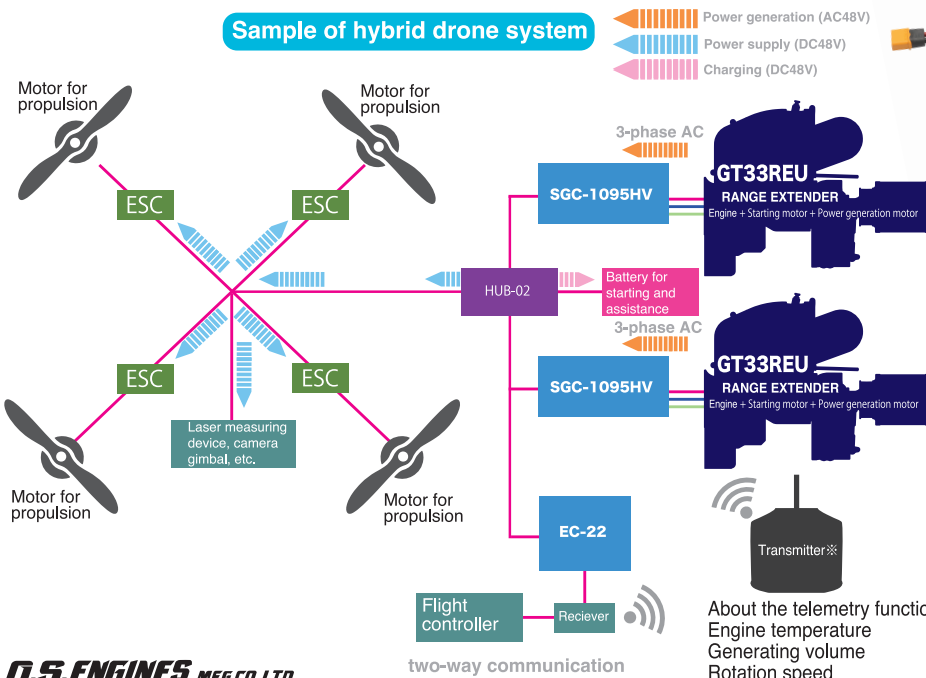
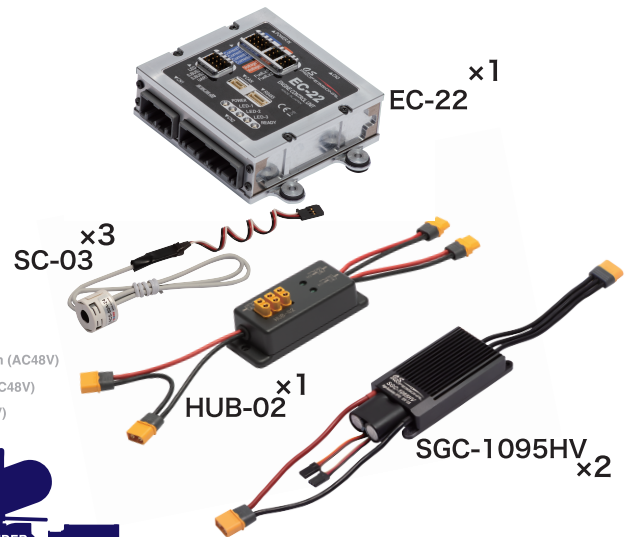
GT33REU in parallel operation is now available.

By combining 2 GT33REU, continuous rated output of 2kW can be achieved. Can be used in larger drones that requires more power than single GT33REU can handle.

Engine RPM is optimally controlled based on the power consumption of connected devices, so that electronic devices with lower load can be used in longer period of time .

◆Spec

Model	Usage/ Range extender for drone
Usage	Range extender for drone
Type of engine	Forced air-cooled, 2-stroke, reciprocating single cylinder engine
Displacement (bore x stroke)	33cc (36mm x 32.4mm) x 2units
Constant output rating	2.0kW
Voltage	48V
Weight	5,650g (body 4,500g, accessories 1,150g)
Starting method	By a built-in starter motor
Fuel	Mixed gasoline with 2-stroke oil (25:1)
Lubrication method	Mixed gasoline with 2-stroke oil
Fuel consumption rate	1026g/kW·h (rated)
Fuel supply system	Diaphragm type Carburetor
Ignition type	CDI battery ignition
Spark plug	M 10mm (NGK CM-6 type)



Mount each GT33REU on top and bottom of main frame