

2-Stroke Engine GT33REU TWIN

Rated output of 2kW when 2 units are combined

RANGE EXTENDER

GT33REU RANGE EXTENDER
(A GENERATOR TO BE BUILT IN A DRONE)

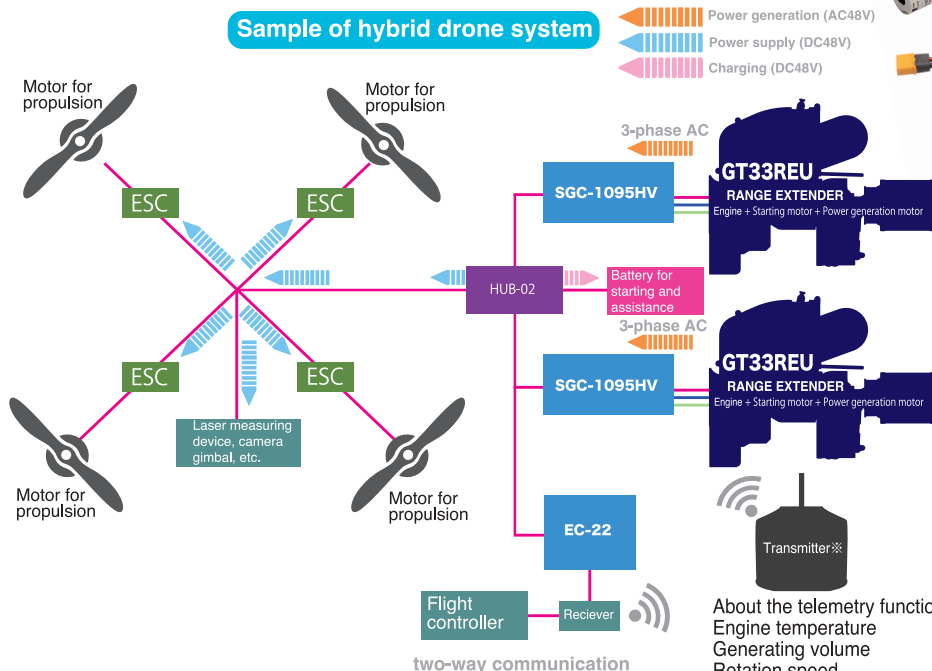
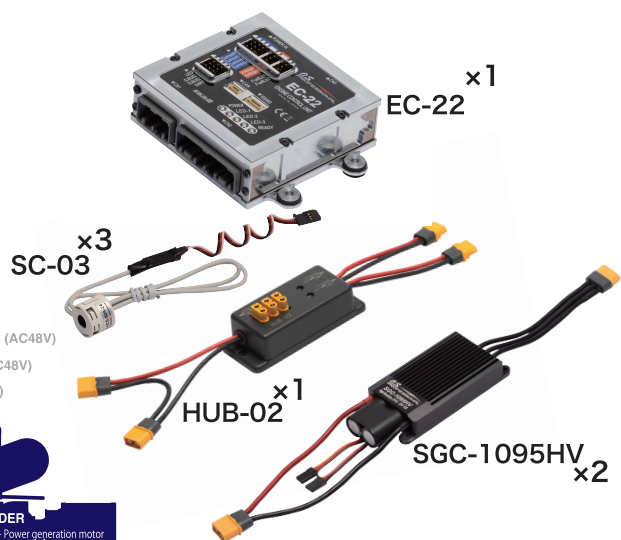


2 units can be operated in parallel!
Maximum rated output of 2kW when 2 units are combined !

GT33REU in Parallel Operation is now available. By combining 2 GT33REU units, a continuous rated output of 2.0 kW can be achieved. It can be used in larger drones that requires more power than single GT33REU can handle. Rotation speed of the engine is automatically optimized according to the power consumption of connected devices, allowing for extended operation when using lower load electronic devices.

◆Spec

Model	Usage/ Range extender for drone
Usage	Range extender for drone
Type of engine	Forced air-cooled, 2-stroke, reciprocating single cylinder engine x 2
Displacement (bore x stroke)	33cc (36mm x 32.4mm) x 2
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)
Carburetor	Diaphragm type, Walbro WT
Ignition type	CDI battery ignition
Spark plug	M 10mm (NGK CM-6 type)
Release date (Planned)	January, 2025



Mount each GT33REU on top and bottom of main frame