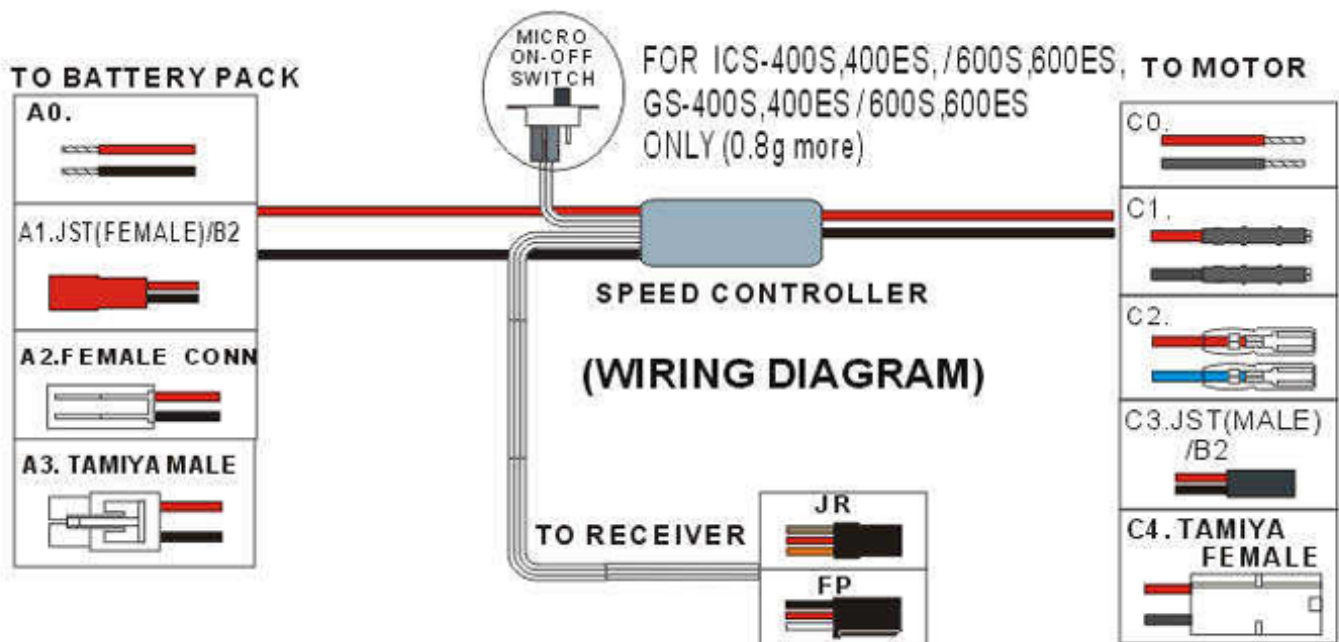


CPU SPEED CONTROLLER

Item Number	Auto Cut (V)	BEC V/A	Current Con. (A) / Max.	Weight g/oz	NET WEIGHT g/oz	Size LxWxH mm/in
ICS-50 ICS-50E	4.2V NO	5 / 1.0	2 / 4	4.5 / 0.16	1 / 0.04	16x10.5x5.1 0.6x0.4x0.2
ICS-100 GS-100	4.2V	5 / 1.0	5 / 8	5.0 / 0.18	2 / 0.07	21x10.5x5.5 0.8x0.4x0.2
ICS-100E GS-100E	3.2V					
ICS-300 ICS-300E	4.2V 3.2V	5 / 1.2	8 / 15	10 / 0.35	4 / 0.14	25.5x12.5x9 1.0x0.5x0.4
ICS-400 GS-400	4.2V	5 / 1.2	15 / 25	17 / 0.6	4 / 0.14	32x21.5x9 1.3x0.9x0.4
ICS-400E GS-400E	3.2V					
ICS-400H	NO					
ICS-480 ICS-480E	4.2V 3.2V	5 / 1.2	20 / 30	14 / 0.5	4 / 0.14	25.5x12.5x9 1.0x0.5x0.4
ICS-600 GS-600	4.2V	5 / 1.2	30 / 45	20 / 0.7	6 / 0.2	38x23x9 1.5x0.9x0.4
ICS-600E GS-600E	3.2V					
ICS-600H	NO					

ICS=Forward only GS=Forward&Brake
Max.current:with heat sink



(OPERATION AND PRECAUTIONS)

CPU SPEED CONTROLLERS AT 2.8KHZ HIGH FREQUENCY RATE

1. Attach suitable connectors (optional) on the motor wires on the speed controller. otherwise, solder the motor wires directly to the motor. Be sure that the orange silicone wire is positive (+) and the blue silicone wire is negative (-). connectors come with the regular wires, the red wire is positive (+) and the black wire is negative (-).
 2. Attach quality connectors on the silicone wires that will match to the connectors from the battery pack. The pink silicone wire is positive (+) and the green silicone wire is negative (-).
 3. **Connect the speed controller signal wires to the receiver throttle channel.**
 4. **First turn on your transmitter, then connect the battery pack (or turn on the ON/OFF switch).**
 5. Move the throttle stick to the lowest position and wait for a second, then push the stick upward to start the motor running. If you don't to keep the stick at the lowest position for a second, the speed controller will not activate for your safety.
 6. If the motor would not start to run, adjust the throttle trim downward. If the speed controller still does not activate, disconnect the battery pack (or the turn the ON/OFF switch off) first and turn your transmitter off, then switch the reversing switch on your transmitter. Repeat the same procedure from 4 to activate the speed controller.
 7. LED Display: For ICS-400,GS-400,ICS-600,GS-600 series only
Red/Green OFF = Not Activate
Red ON = Throttle stick at the lowest position/AUTO-CUT or STOP
Green ON = Full throttle
 8. For better efficiency and maximum performance we would recommend to install the heat sink (supplied). Cut the shrink tubing and attach the heat sink on the label (name plate or power MOS FET).
- It is essential to stay within the parameters of the specification.
 - Be sure to observe the proper polarity on the connectors and receiver sockets.
 - Always disconnect the Ni-Cd battery pack from the speed controller during Charging and when aircraft is not in use. Plug the battery pack just before attempting flight.
 - Do not get the speed controller wet.
 - Avoid shorting the circuit on the speed controller.

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MADE IN TAIWAN

2003/03