

ACS-70A+HS Brushless Speed Control Specification

ACS-70A (Heat Sink)

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| Nominal current | Maximum continues current 70Amp, peak 75Amp 10 second. (with good cooling and outside temperature under 20°C) |
| Main IC Control | A/I Patent Custom IC (2056 DPI) |
| Operating voltage: | Minimum 2 Lipo (7.4V) ~ Maximum 6 Lipo (22.2V) |
| Quiescent current: | 1.4 [mA] |
| Voltage BEC: | Programmer able 4.8 ~ 7.2V |
| Current Max BEC: | 5.0 [A] |
| Continuous BEC | 3.0 [A] |
| Resistance in conducting state: | 2 x 1 [$m\Omega$] |
| Dimensions: | 68 x 23 x 15 mm / 2.36 x 0.82 x 0.43 in. |
| Weight: | 56g (w/ heat sink) |
| Cable cross - section (input / output) | 4/2,5 mm ² |
| Cable Material | Silicon FT1 105°C at 600V |
| Number of power transistors: | 36 MOS-FET |
| Input capacitance: | Double 470 μ F |
| Reversible | Programmable, but don't change two wires |
| Break | Programmable |

- I. Smooth forward operation
- II. Battery Eliminator Circuit (BEC): eliminates receiver battery
- III. Extremely low resistance
- IV. 32KHz Upon Frequency operation
- V. P.O.R Power on reset
- VI. Easy user programmable features.
- VII. Audible arming signal
- VIII. microprocessor controlled
- IX. B.E.C: 5.0V / 3.0A
- X. Programmable low volt cut off for Li-Po
- XI. Safe start protection
- XII. Micro size allows for ease of installation
- XIII. Programmable motor rotation
- XIV. Second Finally warranting as A/I Design

