

C-ACS-80A+HS Car Brushless Speed Control Specification

C-ACS-80A+HS (Sensor / Sensorless)(Heat Sink)(Fan)

Nominal current	Maximum continues current 80Amp, peak 160Amp 10 second. (with good cooling and outside temperature under 20°C)
Main IC Control	Atmel IC (1024 DPI)
Operating voltage:	Maximum 3 Lipo (11.4V)
Quiescent current:	1.4 [mA]
Voltage BEC:	6.0V / 4.5A
Current Max BEC:	5.0 [A]
Continuous BEC	4.5 [A]
Resistance in conducting state:	2 x 1.25 [mΩ]
Dimensions:	35 x 42 x 37
Weight:	36g (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:	80A Power MOS-FET
Input capacitance:	Double-Dual 470 μF



- 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. Programmable low volt cut off for Li-Po
- X. Safe start protection
- XI. Second Finally warranting as A/I Design

