



IRIS CONTROL ELECTRONICS (ICE)

	Mini Low Cost Control Electronics (mLCCE)	Low Cost Control Electronics (LCCE)	2nd Generation LCCE (LCCE-2)	High Power LCCE (HP-LCCE)	Single Piston LCCE (SP-LCCE)
	25W	100W		200W	180W
GENERAL					
Application	Tactical, Low Cost Space, Microsat	Low Cost Space	Low Cost Space	Low Cost Space	Low Cost Space
# of Motors	1	2	2	2	1 + Balancer
PHYSICAL					
Mass	< 400 grams	750 grams	1700 grams	1800 grams	3100 grams
Volume (cm)	9.1 x 9.1 x 3.1	12.6 x 14.2 x 3.1	15.6 x 22.3 x 4.5	18.6 x 18.6 x 4.9	28 x 18.5 x 6.6
POWER					
Input Voltage (V_{DC})	9 to 35	22 to 37	22 to 37	22 to 37	22 to 37
Total Output Power (W_{AC})	25	100	100	200	180
Efficiency	94%	95%	>90%	>90%	85%
TEMPERATURE TELEMETRY					
# of Temp. Sensors	1	2	2	2	2
ADVANCED FEATURES					
Vibration Control	No	No	Yes	Yes	Yes
Input Ripple Filter	No	No	Yes / Optional	Yes	Yes / Optional
TRL Level	8	6	6	6	8

IRIS TECHNOLOGY

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