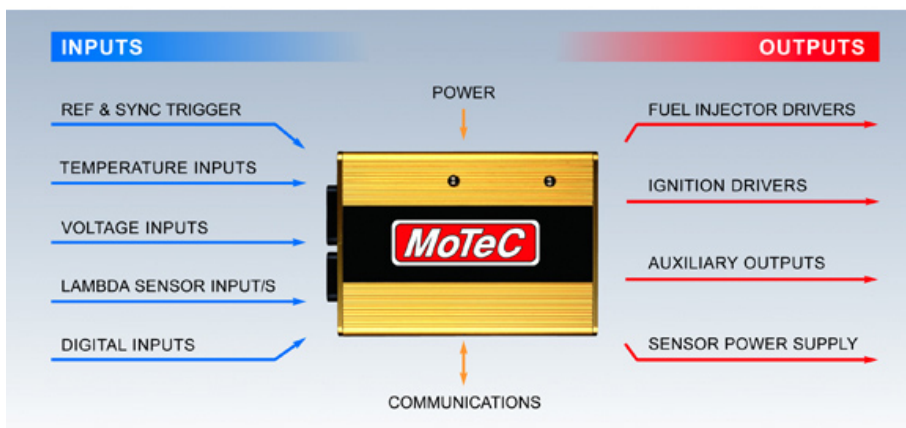## Hundred Series

These are the main specifications of MoTeC's 'gold box' ECU range to compare the suitability of the different models for your application.

Key:

✔- standard available
✗ - not available
option - requires optional upgrade

ECU Comparison Table	M84	M400	M600	M800	M880
Number of cylinders					
Sequential	up to 8	up to 4	up to 6	up to 8 optional 12	up to 8 optional 12
Group fire mode	up to 8	up to 4	up to 6	up to 12	up to 12
Rotary	2,3,4	2	2,3	2,3,4	2,3,4
Outputs					
Injector outputs	8	4	6	8‡	8‡
Ignition outputs	6	4	6	6‡	6‡
Auxiliary outputs	8	8	8	8	8
Option to use spare outputs as auxiliary outputs	✗	✗	✗	✔	✔
Individual cylinder tables	✗	✔	✔	✔	✔
	‡ for more information on possible output configurations see the relevant product pages				
Inputs					

ECU Comparison Table	M84	M400	M600	M800	M880
Trigger inputs (Ref/Sync)	2	2	2	2	2
Analogue voltage inputs	8	8	8	8	8
Analogue temperature inputs	3	6	6	6	6
Digital/speed inputs	4	4	4	4	4
Single Wideband Lambda inputs - 5 wire	✔	optional	optional	optional	optional
Dual Wideband Lambda inputs - 5 wire	optional	✗	optional	optional	optional
Communication					
RS232	✔ (preset)	✔	✔	✔	✔
CAN	✔	✔	✔	✔	✔
Data acquisition and telemetry					
Data logging (option)	512 kB included	512 kB	512 kB	1 MB	1 or 4 MB
Maximum logging rate	100 Hz	200 Hz	200 Hz	200 Hz	200 Hz
Track mapping	✔	✔	✔	✔	✔
Data analysis using **i2 Pro**	✗	option	option	option	option
Telemetry	✗	✗	✗	option	option
Remote logging	✗	✗	✗	option	option
Functions and features					
Boost control	✔	✔	✔	✔	✔
Nitrous injection	✔	✔	✔	✔	✔
Dual stage injection (Hi/Lo injection)	option	✔	✔	✔	✔
Ground speed limiting	✔	✔	✔	✔	✔
Traction and launch control	option	option	option	option	✔
Overrun boost enhancement (anti-lag)	option	option	option	option	✔
Gear change ignition cut (flat shifts)	option	option	option	option	✔
Stepper motor idle control	✔	✔	✔	✔	✔

ECU Comparison Table	M84	M400	M600	M800	M880
Continuously variable camshaft control	✗	option	option	option	option
Drive by Wire throttle control	✗	option	option	option	option
Servo motor control	✗	✗	✗	option	option
Knock control	✗	optional using SKM	optional using SKM	optional using SKM/OKM	optional using SKM
Ref/Sync Capture	✔	✔	✔	✔	✔
Multi-Config	✗	✔	✔	✔	✔
Password protection of configs/logs	✗	✔	✔	✔	✔
Expander compatibility	IEX CDI-8	IEX CDI-8 E888 E816 DBW4	IEX CDI-8 E888 E816 DBW4	IEX CDI-8 E888 E816 DBW4	IEX CDI-8 E888 E816 DBW4
Paddle Shift Control	✗	✔	✔	✔	✔
View website content	M84	M400	M600	M800	M880

USEFUL LINKS

View MoTeC webinars on ECU topics