

Table 1: Inter City Express classes 800, 801 and 802

Class	Operator	Owner	Cars/ train	Cars ordered	Number of trains	Type	Electric power ¹ kW	Diesel power ² kW	Tare mass ³ Tonne	Power to Weight Ratio Electric kW/tonne	Power to Weight Ratio Diesel kW/tonne
800/0	GWR	Agility Trains	5	180	36	Bi-mode	2712	2100 ⁴	243	11.2	8.6
800/1	VTEC	Agility Trains	9	117	13	Bi-mode	4520	2800	438	10.3	6.4
800/2	VTEC	Agility Trains	5	50	10	Bi-mode	2712	1680	243	11.2	6.9
800/3*	GWR	Agility Trains	9	189	21	Bi-mode	4520	3500 ⁴	438	10.3	8.0
801/1	VTEC	Agility Trains	5	60	12	Electric + auxiliary diesel generator	2712	N/A	233	11.6	N/A
801/2	VTEC	Agility Trains	9	270	30	Electric + auxiliary diesel generator	4520	N/A	420	10.3	N/A
802/0	GWR	Eversholt Leasing	5	110	22	Bi-mode	2712	2100	243	11.2	8.6
802/1	GWR	Eversholt Leasing	9	126	14	Bi-mode	4520	3500	438	10.3	8.0
802/2	Trans Pennine	Angel Trains	5	96	19	Bi-mode	#	#	#	#	#
802/3	Hull Trains	Angel Trains	5	25	5	Bi-mode	#	#	#	#	#

Figures assumed to be as per Class 802/0

¹ Based on published electric motor rating of 226kW

² Engine output – from which power to auxiliaries (air conditioning etc) has to be deducted

³ All masses are approximate except for 9-car Class 802/1, which has been used to estimate the mass of the other configurations

⁴ Originally diesel power was 1680 kW for the class 800/0 and 2800 kW for the class 800/3