



POWER GENERATION DATA SHEET

TIER 4 FINAL /

STAGE V

LINE-UP

30 – 430 kWm

Power you trust.

TIER 4 FINAL / STAGE V

30-430 kWm



Designed with Customer needs in mind

Leading edge technology and product innovation are the truly determining factors and part of FPT primary strategic mission. FPT engines comply with **worldwide emission regulations**, ensuring advantages in terms of performance and efficiency.

Our engine portfolio is equipped with cutting-edge Common Rail technology, turbocharger and 4 valves per cylinder.

The patented ATS **HI-eSCR2** is a maintenance free system that adopts a filtering device on its SCR catalyst. The catalyst converts NO_x and simultaneously traps and oxidises the particulate matter.

We have designed the **ATS pack** as a “plug & play” solution in order to make the final validation process both leaner and easier.

KEY FEATURES:

- Dual Certification Tier 4 Final / Stage V with the same layout.
- Top performance in terms of power, load response and fuel consumption in all conditions.
- Quick to market solution thanks to G-Drive: pre-assembled cooling pack and air cleaner.
- ATS Pack with patented technology HI-eSCR2.
- Best in class service interval: 600 hours.

Tier 4 Final / Stage V

G-DRIVE + ATS PACK

Engine Name	Engine Model	Displacement Litres	Cylinder Arrangement Air Intake	Injection System	Exhaust System	Exhaust Components	50 Hz / 1,500 rpm						60 Hz / 1,800 rpm						Typical Generator eff.	1,500/1,800 rpm
							Stand-by Power			Prime Power			Stand-by Power			Prime Power				
							kWm (net)	kWe	kVA	kWm (net)	kWe	kVA	kWm (net)	kWe	kVA	kWm (net)	kWe	kVA		
F34	F34TEVP02.00	3.4	4L/TC	ECR	EGR+DOC+DPF	EGR+DOC+DPF	37	32	40	33	29	37	39	34	42	35	30	38	88%	●
F34	F34TEVP04.00	3.4	4L/TC	ECR	EGR+DOC+DPF	EGR+DOC+DPF	45	40	50	41	36	45	49	43	53	44	39	49	88%	●
F34	F34TEVP01.00	3.4	4L/TAA	ECR	EGR+DOC+DPF	EGR+DOC+DPF	54	48	60	54	48	59	54	47	59	54	47	59	88%	●
F36	F36TEVP03.A62	3.6	4L/TAA	ECR	Compact HI-eSCR2	EGR+DOC+DPF+SCR+CUC	65	59	73	59	53	67	72	66	82	65	59	74	91%	●
F36	F36TEVP03.A85	3.6	4L/TAA	ECR	Compact HI-eSCR2	EGR+DOC+DPF+SCR+CUC	90	82	102	82	74	93	98	89	111	88	80	100	91%	●
F36	F36TEVP03.A94	3.6	4L/TAA	ECR	Compact HI-eSCR2	EGR+DOC+DPF+SCR+CUC	91	84	105	91	83	104	99	92	115	99	91	114	92%	●
N67	N67TEVP06.00	6.7	6L/TAA	ECR	HI-eSCR2	DOC+SCRoF+CUC	145	133	167	136	125	156	167	154	192	151	139	174	92%	●
N67	N67TEVP05.00	6.7	6L/TAA	ECR	HI-eSCR2	DOC+SCRoF+CUC	195	181	227	176	164	205	222	206	258	201	187	234	93%	●
CURSOR 9	C87TEVP01.00	8.7	6L/TAA	ECR	HI-eSCR2	DOC+SCRoF+CUC	257	239	299	233	217	271	285	265	331	258	240	300	93%	●
CURSOR 9	C87TEVP04.00	8.7	6L/TAA	ECR	HI-eSCR2	DOC+SCRoF+CUC	287	267	334	261	243	303	327	304	380	296	275	344	93%	●
CURSOR 13	C13ETVP03.A363	12.9	6L/TAA	ECR	HI-eSCR2	DOC+SCRoF+CUC	346	322	402	313	291	363	387	360	450	350	325	406	93%	●
CURSOR 13	C13ETVP03.A395	12.9	6L/TAA	ECR	HI-eSCR2	DOC+SCRoF+CUC	378	355	444	342	321	402	426	400	501	385	362	452	94%	●

Legend

Cylinder Arrangement

L In line

Air Intake

TAA Turbocharged Aftercooler

TC Turbocharged

Exhaust System

EGR Exhaust Gas Recirculation

DOC Diesel Oxidation Catalyst

DPF Diesel Particulate Filter

SCR Selective Catalyst Reduction

SCRoF Selective Catalytic Reduction on Filter

CUC Clean Up Catalyst

HI-eSCR2 FPT Industrial's patented ATS system

Injection System

M Mechanical

ECR Electronic Common Rail

EUI Electronic Unit Injector

● 1,500 / 1,800 rpm switchable engine

Other Notes

kVA kiloVolt Ampere calculations based on a 0.8 power factor