

***POWER GENERATION DATA SHEET***

***STAGE V /  
TIER 4 FINAL  
LINE-UP***

**30 – 430 kWm**

# STAGE V / TIER 4 FINAL

30-430 kWm



## Designed with Customer needs in mind

Leading edge technology and product innovation are the truly determining factors and part of FPT Industrial's primary strategic mission. FPT Industrial 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<sub>x</sub> 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 Stage V / Tier 4 Final 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.

## Stage V / Tier 4 Final 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	F36ETVP03.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	F36ETVP03.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	F36ETVP03.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