FPT

POWER GENERATION DATA SHEET

UNREGULATED LINE-UP

20 – 580 kWm

Power you trust

UNREGULATED

20-580 kWm

Proven reliability and durability

FPT manufactures a range of stationary emergency power solutions, combining reliable performance and compact design to meet different operational and installation requirements.

Our engine portfolio is available with mechanical or electronic injection system, natural aspirated or turbocharged.

Flexibility to switch between 50 Hz to 60 Hz allows an efficient stock management for the Customers.

KEY FEATURES:

- Top performance in terms of power and load response in all conditions.
- Quick to market solution thanks to G-Drive: pre-assembled cooling pack and air cleaner.
- Switchability from 1,500 rpm to 1,800 rpm.
- Best in class service interval: 600 hours.

Unregulated

G-DRIVE

Engine Name	Engine Model	Displacement Litres	Cylinder Arrangement Air intake Exhaust System	Injection System	50 Hz / 1,500 rpm						60 Hz / 1,800 rpm						Typical Generator eff.	1,500/1,800 rpm Switchable
					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		
R24	R24MANS01.23A02	2.4	4L/NA	M	22	20	24	22	20	24	23	20	25	23	20	25	88%	●
R24	R24MSNS01.31A02	2.4	4L/TC	M	30	26	33	27	24	30	33	29	36	30	26	33	88%	●
R24	R24MSNS01.40A02	2.4	4L/TC	M	38	34	42	35	30	38	37	33	41	34	30	37	88%	●
R38	R38MSNS01.55A01	3.8	4L/TC	M	53	47	59	48	43	54	51	46	57	46	41	52	89%	●
R38	R38MSNS01.66A01	3.8	4L/TC	M	64	57	71	58	52	65	62	56	69	56	50	63	89%	●
N45	NEF45SM3.A82	4.5	4L/TC	M	81	75	93	73	67	84	87	80	100	79	72	91	92%	●
N45[1]	NEF45TM2A.A96	4.5	4L/TAA	M	96	89	111	88	81	101	107	99	123	98	90	112	92%	●
N45[1]	NEF45TM3.A120	4.5	4L/TAA	M	118	109	136	107	98	123	-	-	-	-	-	-	92%	○
N67	NEF67SM1.A125	6.7	6L/TC	M	121	111	139	110	101	127	-	-	-	-	-	-	92%	○
N67[1]	NEF67TM3A.A156	6.7	6L/TAA	M	152	140	175	138	127	158	165	152	190	149	137	172	92%	●
N67	NEF67TM4.A170	6.7	6L/TAA	M	165	152	190	150	138	172	-	-	-	-	-	-	92%	○
N67	NEF67TM7.A200	6.7	6L/TAA	M	195	179	224	177	163	204	-	-	-	-	-	-	92%	○
N67	NEF67TE8P.A263	6.7	6L/TAA	ECR	239	219	274	216	199	248	254	233	292	230	211	264	92%	●
CURSOR 9[1]	CURSOR87TE4	8.7	6L/TAA	ECR	299	278	348	275	256	320	333	310	387	306	285	356	93%	●
CURSOR 13	C13ETNP01.345A00	12.9	6L/TAA	ECR	330	310	388	300	282	353	360	338	423	327	307	384	94%	●
CURSOR 13	C13ETNP01.401A00	12.9	6L/TAA	ECR	386	363	454	351	330	412	398	374	468	359	337	422	94%	●
CURSOR 13	C13ETNP01.435A00	12.9	6L/TAA	ECR	417	396	495	377	354	443	459	436	545	414	393	492	94%	●
CURSOR 13	C13ETNP01.500A00	12.9	6L/TAA	ECR	482	458	572	442	420	525	479	455	569	433	411	514	95%	●
CURSOR 16[1]	CURSOR16TE1W	15.9	6L/TAA	ECR	557	529	661	505	480	600	578	549	686	523	497	621	95%	●

Legend

Cylinder Arrangement
L In line

Air Intake
NA Naturally Aspirated
TAA Turbocharged Aftercooler
TC Turbocharged

Exhaust System
I-EGR Internal Exhaust Gas Recirculation

Emission Regulations
1 TÜV measured based on TA-Luft standards

Injection System
M Mechanical
ECR Electronic Common Rail
EUI Electronic Unit Injector

● 1,500 / 1,800 rpm switchable engine
○ Non-Switchable Engine

Other Notes
kVA kiloVolt Ampere calculations based on a 0.8 power factor