



Fischer Panda Vehicle Generators



FischerPanda

Complete programme

Fischer Panda generators are available in different versions to suit your individual requirements.

Panda PVMV-N

Vehicle generator with sound insulation capsule, integrated water-cooled vertically mounted pre-silencer and main silencer.



- Best choice when space is available inside vehicle
- Easy to install
- Requires external radiator
- Suitable for internal installation
- Complete water-cooled silencer inside capsule
- Also suited for keel cooling in ships
- Glass-reinforced plastic (GRP) capsule standard for models up to 12 kW
- Stainless steel capsule (MPL) for models from 15 kW and above



Panda PVM-NE

The PVM-NE is the standard version for generators above 30 kW. The PVM-NE is similar to the PVMV-N, however the silencer is not water-cooled and is externally mounted on the capsule.



The generator must be installed in a well-ventilated area because heat is absorbed by the silencer. An additional silencer is not necessary. The generator is housed within a sound insulation capsule.

- Suitable for internal installation
- Requires external radiator
- Easy to install

Panda PVK-U

Vehicle generators with internal water-cooled silencer for mounting externally on the vehicle chassis. This generator type is ideal for installing on trucks with limited space between axles. The heavy-duty housing is also suitable for expedition vehicles.



- Designed for external mounting
- Assembly bolts pre-fitted to housing
- Metal capsule with a heavy-duty cover
- Wide access hatch for easier access
- Water-cooled exhaust silencer inside capsule
- No additional exhaust silencer required
- Requires external radiator

Panda PVK-UK

Vehicle generator "Compact Construction" with integrated cooling system for mounting externally on the vehicle chassis.



- Designed for external mounting
- Assembly bolts pre-fitted to housing
- Metal capsule with a heavy-duty cover
- Wide access hatch for easier access
- Sound insulation capsule
- Water-cooled exhaust silencer inside capsule
- No additional exhaust silencer required
- Integrated radiator and cooling system

Panda PSC

Self-Contained generators are complete "turnkey" units fitted with an integrated cooling system, fuel-tank and electrical cabinet.



- Integrated fuel tank
- Vertically or horizontally mounted radiator
- Suitable for external mounting
- Sound insulation capsule
- Water-cooled exhaust silencer inside capsule
- No additional exhaust silencer required
- Integrated radiator and cooling system

Technical data for Fischer Panda vehicle generators



Panda generator Model / type	Generator nominal performance				Voltage tolerance	Engine manufacturer	Engine type	Displacement cm³	No. of cylinders	Sound level [dB(A)] (7m / 3m / 1m)	for internal installation				for installation under the chassis							
	HP1		HP3								PVMV-N (bis 30 kW) / PVM-NE (ab 30 kW)				PVK-U		PVK-UK					
	230 V 1 Phase 50 Hz (kW) (kVA*)		400 V 3 Phase 50 Hz (kW) (kVA)								Approx. capsule dimensions L x W x H mm	Weight incl. capsule (kg)	Standard capsule type	Standard sound insulation	Approx. capsule dimensions L x W x H mm	Weight incl. capsule (kg)	Standard capsule type	Standard sound insulation	Approx. capsule dimensions L x W x H mm	Weight incl. capsule (kg)	Standard capsule type	Standard sound insulation
Perfect Power : iSeries Panda vehicle generators																						
Panda 5000i.Neo	0-4,0	5			±3 V	Fischer Panda	FP320	309	1	54 / 64 / 68	610 x 460 x 570	request	GFK	4DS	not available in this version		not available in this version					
Panda 5000i	0-4,0	5			±3 V	Kubota	EA300	309	1	54 / 64 / 68	780 x 460 x 430	120	GFK	4DS	761 x 447 x 440	140	MPL	4DS	1204 x 445 x 460	176	MPL	4DS
Panda 5000i GreenTec	0-4,0	5			±3 V	Kubota	Z482	479	2	54 / 64 / 68	660 x 515 x 610	138	GFK	4DS	not available in this version		not available in this version					
Panda 8000i	0-6,4	8,0			±3 V	Kubota	Z482	479	2	52 / 62 / 67	760 x 515 x 609	192	GFK	4DS	780 x 530 x 620	220	MPL	4DS	1295 x 531 x 621	265	MPL	4DS
Panda 10000i	0-8,0	10,0			±3 V	Kubota	Z602	599	2	52 / 62 / 67	760 x 515 x 609	195	GFK	4DS	809 x 530 x 620	225	MPL	4DS	1426 x 530 x 620	275300	MPL	4DS
Panda 15000i-230V	0-12,0	15,0			±3 V	Kubota	D902	898	3	54 / 64 / 68	910 x 515 x 619	230	GFK	4DS	910 x 530 x 600	268	MPL	4DS	1516 x 530 x 625	355	MPL	4DS
Panda 15000i-400V			0-12,0	15,0	±3 V	Kubota	D902	898	3	54 / 64 / 68	910 x 515 x 619	230	GFK	4DS	910 x 530 x 600	268	MPL	4DS	1516 x 530 x 625	355	MPL	4DS
Panda 25i-230 V	0-20,0	25,0			±3 V	Kubota	V1505	1498	4	54 / 64 / 68	1070 x 650 x 690	335	MPL	4DS	1085 x 545 x 680	request	MPL	4DS	1715 x 534 x 691	460	MPL	4DS
Panda 25i-400 V			0-20,0	25,0	±3 V	Kubota	V1505	1498	4	54 / 64 / 68	1070 x 650 x 690	335	MPL	4DS	1085 x 545 x 680	request	MPL	4DS	1715 x 534 x 691	460460	MPL	4DS
Panda 45i			0-36,0	45,0	±3 V	Kubota	V2403T	2434	4	55 / 65 / 69	1412 x 660 x 880	662	MPL	4DS	1449 x 696 x 820	request	MPL	4DS	not available in this version			
Panda 60i			0-48,6	60,0	±3 V	Hatz	4H50TIC	1952	4	66 / 69 / 72	1592 x 800 x 870	707	MPL	4DS	not available in this version		not available in this version					
Compact Power : xSeries Panda vehicle generators - 3000 rpm - 50 Hz																						
Panda 8000x	6,8	8,0	6,8	8,0	±3 V	Kubota	Z482	479	2	52 / 62 / 67	870 x 515 x 634	230	GFK	4DS	870 x 523 x 580	279	MPL	4DS	1330 x 522 x 620	332	MPL	4DS
Panda 10000x	8,0	9,4	8,0	9,4	±3 V	Kubota	Z602	599	2	52 / 62 / 67	910 x 515 x 630	240	GFK	4DS	910 x 522 x 620	290	MPL	4DS	1516 x 522 x 620	340	MPL	4DS
Panda 12000x	10,2	12,0	10,2	12,0	±3 V	Kubota	D722	719	3	53 / 63 / 67	950 x 515 x 629	253	GFK	4DS	960 x 530 x 625	317	MPL	4DS	1566 x 530 x 625	370	MPL	4DS
Panda 15000x	12,7	15,0	12,7	15,0	±3 V	Kubota	D902	898	3	54 / 64 / 68	1010 x 515 x 634	316	GFK	4DS	1000 x 530 x 630	365	MPL	4DS	1606 x 522 x 630	430	MPL	4DS
Panda 18x	15,3	18,0	15,3	18,0	±3 V	Kubota	D1105	1123	3	55 / 65 / 69	1100 x 540 x 680	415	MPL	4DS	1100 x 560 x 680	440	MPL	4DS	1736 x 560 x 680	544	MPL	4DS
Panda 24x	20,4	24,0	20,4	24,0	±3 V	Kubota	V1505	1498	4	55 / 65 / 69	1220 x 540 x 680	465	MPL	4DS	1225 x 542 x 684	492	MPL	4DS	1854 x 542 x 684	492	MPL	4DS
Panda 30x	25,5	30,0	25,5	30,0	±3 V	Kubota	V1505T	1498	4	55 / 65 / 69	1270 x 570 x 700	512	MPL	4DS	1270 x 570 x 690	530	MPL	4DS	1970 x 564 x 640	687	MPL	4DS
Panda 30 CR			25,5	30,0	±3 V	Kubota	V1505-CR-T	1498	4	55 / 65 / 69	1272 x 620 x 789	553	MPL	4DS	not available in this version		not available in this version					
Fischer Panda „Hybrid Power“: Panda AGT-DC battery charging vehicle generators																						
Model / Type AGT generator	Continuous performance (kW)	Nominal voltage (DC)	Constant current rate (A)	Voltage tolerance	Engine manufacturer	Engine type	Displacement cm³	No. of cylinders	Sound level [dB(A)] (7m / 3m / 1m)	Approx. capsule dimensions (excl. fittings) L x W x H (mm)	Weight incl. capsule (kg)	Standard capsule type	Standard sound insulation	Approx. capsule dimensions (excl. fittings) L x W x H (mm)	Weight incl. capsule (kg)	Standard capsule type	Standard sound insulation	Approx. capsule dimensions (excl. fittings) L x W x H (mm)	Weight incl. capsule (kg)	Standard capsule type	Standard sound insulation	
AGT-DC 4000-12	3,2	12	220	±3 V	Kubota	EA300	309	1	55 / 65 / 69	770 x 450 x 430	120	GFK	4DS	not available in this version	not available in this version	not available in this version	not available in this version	not available in this version	not available in this version	not available in this version	not available in this version	
AGT-DC 4000-24	3,2	24	110	±3 V	Kubota	EA300	309	1	55 / 65 / 69	770 x 450 x 430	120	GFK	4DS									
AGT-DC 6000-24	4,8	24	170	±3 V	Kubota	Z482	479	2	52 / 62 / 67	760 x 515 x 609	189	GFK	4DS									
AGT-DC 8000-24	6,4	24	220	±3 V	Kubota	D722	719	3	53 / 63 / 67	860 x 515 x 614	216	GFK	4DS									
AGT-DC 12000-48	12,0	request		±3 V	Kubota	D902	898	3	54 / 64 / 68	870 x 515 x 614	request	GFK	4DS									
AGT-DC 16000	16,0	request		±3 V	Kubota	V1505	1498	4	55 / 65 / 69	1100 x 550 x 690	366	MPL	4DS									
AGT-DC 20000	20,0	request		±3 V	Kubota	V1505T	1498	4	55 / 65 / 69	request	request	MPL	4DS									

*) For inverter generators: output performance is calculated with a Cos Phi factor 0.8 up to 40 °C ambient temperature, otherwise calculate with factor 1.0 up to 50 °C.

*) For asynchronous generators (up to and including Panda 15000), the KVA is calculated with Cos Phi 0.85 for a short starting performance of inductive consumers. Otherwise it should be calculated with factor 1.0. Generators above and including Panda 16 are calculated with an optional start performance with compensation or starting current booster, otherwise it should be calculated with a factor of 1.

Dimensions apply for the sound insulation capsule only and do not include latches, fittings etc. Additional room will need to be calculated for the installation to include hoses, cables and capsule mountings. Please confirm current dimensions and weights when ordering.

Roof-mounted radiators from Fischer Panda



RD 1.2



RD 1.2



Fan controller



Expansion tank



RD2.2

Side-mounted radiators from Fischer Panda



RV3.2



RV13.160

Radiator	Voltage	Weight (dry)	Approximate dimensions (L x W x H) mm	Article no.	Suited for generator model																											
					Panda 5000i Greentec	Panda 5000i.Neo	Panda 5000i	Panda 8000i	Panda 10000i	Panda 15000i	Panda 25i	Panda 45i	Panda 60i	Panda 8000x	Panda 10000x	Panda 12000x	Panda 15000x	Panda 18x	Panda 24x	Panda 30x	AGT 4000-12	AGT 4000-24	AGT 6000-24	AGT 8000-24	AGT 12000-48	AGT 14000	AGT 16000	AGT 25000				
RD-D: Roof radiators DC																																
RD 1.2	24 V	18	705 x 390 x 310	0015625			x																					x	x			
RD 2.2	24 V	29	930 x 515 x 321	0000424				x	x						x	x																
RD 3.2	24 V	32	1055 x 515 x 312	0015633						x	x																					
RD 3.2 Trop	24 V	40	1055 x 515 x 361	0015634						x	x																					
RD-A: Roof radiators AC																																
RD 1.3	230 V / 50 Hz	20	705 x 390 x 304	0022744	x	x																										
RD 3.3	230 V / 50 Hz	36	1055 x 515 x 369	0015635			x	x	x	x					x	x	x	x														
RD 3.3 Trop	230 V / 50 Hz	42	1055 x 515 x 364	0015638				x	x	x					x	x	x	x														
RD 4.2	230 V / 50 Hz	32	735 x 705 x 395	0015639				x	x	x					x	x	x	x														
RD 16.2	230 V / 50 Hz	56	1040 x 630 x 392	0015658																												
RD 6 / 2.2	230 V / 50 Hz	67	1405 x 630 x 414	0015568																												
RD 6 / 2.2 Dual	230 V / 50 Hz	104	1405 x 640 x 493	0015659																												
RD 7.2	400 V / 50 Hz		858 x 940 x 502	0015660																												
RD 7.2 Dual	400 V / 50 Hz	190	1011 x 920 x 597	0015661																												
RD 60i	400 V / 50 Hz	85	1870 x 878 x 551	0024831																												
RV-D: Side-/underneath radiators DC																																
RV 1.2	24 V	13	620 x 330 x 214	0015721				x																								
RV 2.2	24 V	21	750 x 450 x 224	0015692					x	x					x	x																
RV 3.2	24 V	24	880 x 450 x 224	0015693							x	x																				
RV 3.2 Trop	24 V	30	920 x 450 x 254	0015695							x	x																				
RV-A: Side-/underneath radiators AC																																
RV 1.3	230 V / 50 Hz	15	620 x 330 x 192	0022745	x	x																										
RV 3.3	230 V / 50 Hz	30	880 x 450 x 210	0015697			x	x	x	x					x	x	x	x														
RV 3.3 Trop	230 V / 50 Hz	33	920 x 450 x 259	0015698				x	x	x					x	x	x	x														
RV 5.2	230 V / 50 Hz	32	580 x 610 x 356	0015699				x	x	x					x	x	x	x														
RV 13.160	230 V / 50 Hz	52	601 x 690 x 441	0035473																												
RV 6/2.2	230 V / 50 Hz	63	1280 x 550 x 322	0015702																												
RV 6/2.2 Dual	230 V / 50 Hz	81	1280 x 556 x 378	0015703																												
RV 14.120	400 V / 50 Hz	48	690 x 780 x 355	0005800																												
RV 14.160	400 V / 50 Hz	55	690 x 780 x 407	0015704																												
RV 7.2	400 V / 50 Hz	63	800 x 1000 x 416	0015706																												
RV 7.2 Dual	400 V / 50 Hz	78	940 x 800 x 438	0005798																												
RV 8.2	400 V / 50 Hz		1012 x 1100 x 396	0015707																												



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Disclaimer:

The information contained here is to the best of our knowledge accurate at the date of publication. Please note that the data in this publication reflects the technical state at time of print. Dimensions apply for the sound insulation capsule only and do not include latches, fittings, etc. Additional room will need to be calculated for installation to include hoses, cables and capsule mountings. Additional components or alternators may also affect capsule dimensions. Due to our policy of continual product development, we reserve the right to alter technical specifications without notice. All performance data relates to air and water temperatures of 20°C. Performance reduction (approx. 1% per 100m height and approx 2% per 5°C air temperature and approx. 1% per 1°C water temperature above 20°C)

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