Manufacturer: Fronius International GmbH

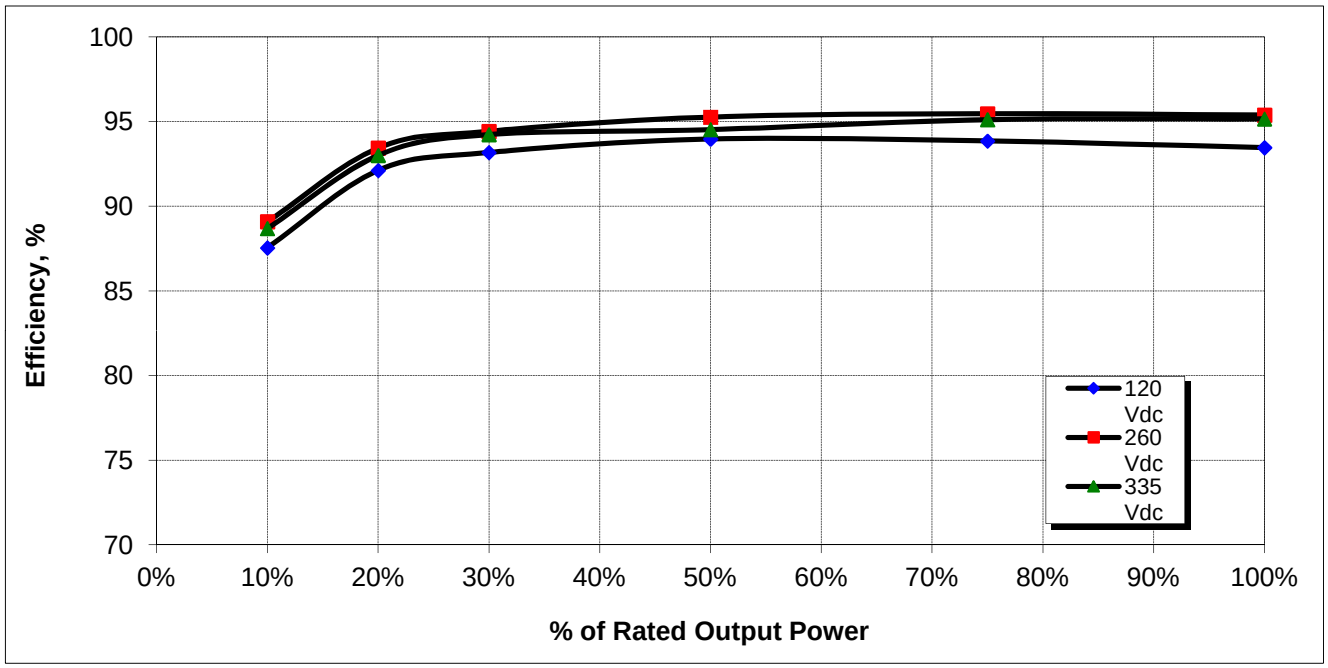
Model #: Fronius Galvo 2.0-1 208-240 @ 208Vac

Rated Maximum Continuous Output Power: 1.900 kW Night Tare Loss: 0.7 W

Vmin: 120 Vdc Vnom: 260 Vdc Vmax: 335 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.19	0.38	0.57	0.95	1.43	1.90	Wtd
Vmin	120	87.5	92.1	93.2	94.0	93.9	93.5	93.4
Vnom	260	89.1	93.4	94.4	95.3	95.5	95.4	94.9
Vmax	335	88.7	93.0	94.2	94.5	95.1	95.2	94.5

CEC Efficiency = 94.5%



Inverter Efficiency Data

Minimum of 5 samples required

Specified		Sample #1			Sample #2			Sample #3			Sample #4			Sample #5		
Output Power	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	-177.31	120.01	87.48	-177.22	120.01	87.52	-178.19	120.00	87.58	-176.99	120.01	87.49	-177.73	120.01	87.57
20%	Vmin	-394.17	120.01	92.10	-400.23	120.03	92.13	-392.80	120.05	92.07	-401.01	120.01	92.19	-393.48	120.02	92.09
30%	Vmin	-593.22	120.01	93.15	-600.56	120.07	93.17	-597.25	120.06	93.16	-599.30	120.04	93.16	-599.60	120.00	93.19
50%	Vmin	-1037.91	120.11	93.96	-1033.08	120.16	93.97	-1038.30	120.13	93.96	-1031.68	120.11	93.96	-1039.01	120.14	93.98
75%	Vmin	-1350.47	120.18	93.90	-1349.58	120.17	93.90	-1351.12	120.23	93.86	-1350.14	120.20	93.83	-1349.06	120.19	93.81
100%	Vmin	-1818.76	120.28	93.47	-1816.32	120.26	93.46	-1816.44	120.25	93.45	-1815.12	120.25	93.44	-1816.17	120.25	93.45
10%	Vnom	-182.67	260.06	89.04	-182.37	260.05	89.04	-184.46	260.05	89.13	-183.22	260.05	89.07	-184.64	260.05	89.15
20%	Vnom	-402.91	260.06	93.48	-391.28	260.07	93.36	-398.42	260.06	93.44	-396.77	260.07	93.43	-399.07	260.07	93.43
30%	Vnom	-593.75	260.08	94.44	-586.02	260.07	94.41	-589.70	260.08	94.41	-589.92	260.06	94.41	-588.64	260.09	94.42
50%	Vnom	-947.00	260.10	95.26	-944.67	260.08	95.26	-943.49	260.08	95.25	-946.38	260.08	95.25	-942.22	260.09	95.25
75%	Vnom	-1414.95	260.12	95.45	-1413.30	260.11	95.45	-1414.89	260.13	95.46	-1414.89	260.11	95.45	-1411.86	260.13	95.45
100%	Vnom	-1824.25	260.13	95.37	-1828.75	260.13	95.37	-1823.67	260.14	95.37	-1831.74	260.15	95.36	-1825.00	260.13	95.37
10%	Vmax	-174.22	335.10	88.67	-175.13	335.11	88.73	-174.66	335.12	88.67	-173.10	335.11	88.68	-174.93	335.11	88.67
20%	Vmax	-390.92	335.15	93.02	-385.28	335.10	92.97	-391.66	335.08	93.03	-384.79	335.11	92.97	-389.26	335.10	93.00
30%	Vmax	-588.79	335.10	94.21	-595.60	335.12	94.24	-591.13	335.10	94.22	-594.12	335.11	94.24	-592.24	335.09	94.25
50%	Vmax	-886.96	335.13	94.52	-892.43	335.15	94.52	-884.74	335.13	94.51	-891.50	335.15	94.52	-889.70	335.13	94.53
75%	Vmax	-1386.25	335.16	95.11	-1385.26	335.14	95.11	-1384.05	335.15	95.12	-1386.17	335.14	95.11	-1381.75	335.14	95.10
100%	Vmax	-1847.78	335.17	95.16	-1848.84	335.18	95.16	-1849.79	335.17	95.14	-1848.50	335.18	95.14	-1851.90	335.16	95.16

Specified		Sample #6			Sample #7			Sample #8			Sample #9			Sample #10		
Output Power	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	-178.83	120.00	87.65	-177.19	120.01	87.49									
20%	Vmin	-397.85	120.02	92.13	-393.74	120.04	92.08									
30%	Vmin	-598.31	120.10	93.16	-601.77	120.02	93.18									
50%	Vmin	-1033.43	120.14	93.98	-1038.54	120.11	93.96									
75%	Vmin	-1350.23	120.18	93.82	-1350.26	120.20	93.85									
100%	Vmin	-1815.51	120.25	93.46	-1816.91	120.26	93.46									
10%	Vnom	-183.83	260.05	89.09	-181.15	260.05	89.03									
20%	Vnom	-393.53	260.05	93.39	-403.21	260.07	93.48									
30%	Vnom	-590.97	260.07	94.42	-589.39	260.07	94.42									
50%	Vnom	-945.85	260.08	95.26	-942.66	260.08	95.25									
75%	Vnom	-1415.79	260.12	95.45	-1410.61	260.13	95.46									
100%	Vnom	-1828.60	260.14	95.37	-1826.37	260.13	95.37									
10%	Vmax	-175.13	335.12	88.69	-173.97	335.11	88.70									
20%	Vmax	-386.86	335.14	93.00	-386.67	335.08	92.98									
30%	Vmax	-595.48	335.13	94.24	-590.05	335.11	94.21									
50%	Vmax	-888.05	335.15	94.52	-891.56	335.12	94.53									
75%	Vmax	-1384.02	335.15	95.11	-1385.20	335.13	95.12									
100%	Vmax	-1847.74	335.18	95.16	-1851.42	335.17	95.15									