



WP4 & WP6 SERIES
Elevation vs. Power
Temperature vs. Power

WEICHAI



WEICHAI POWER CO., LTD.
www.weichai.com



Brief Description

We compile the technical specifications in order to maximize customer satisfaction.

WP series diesel engine was developed based on Germany Deutz 226B series diesel engine .

Manufactured by the joint venture company established by Weichai Power and DEUTZ AG.



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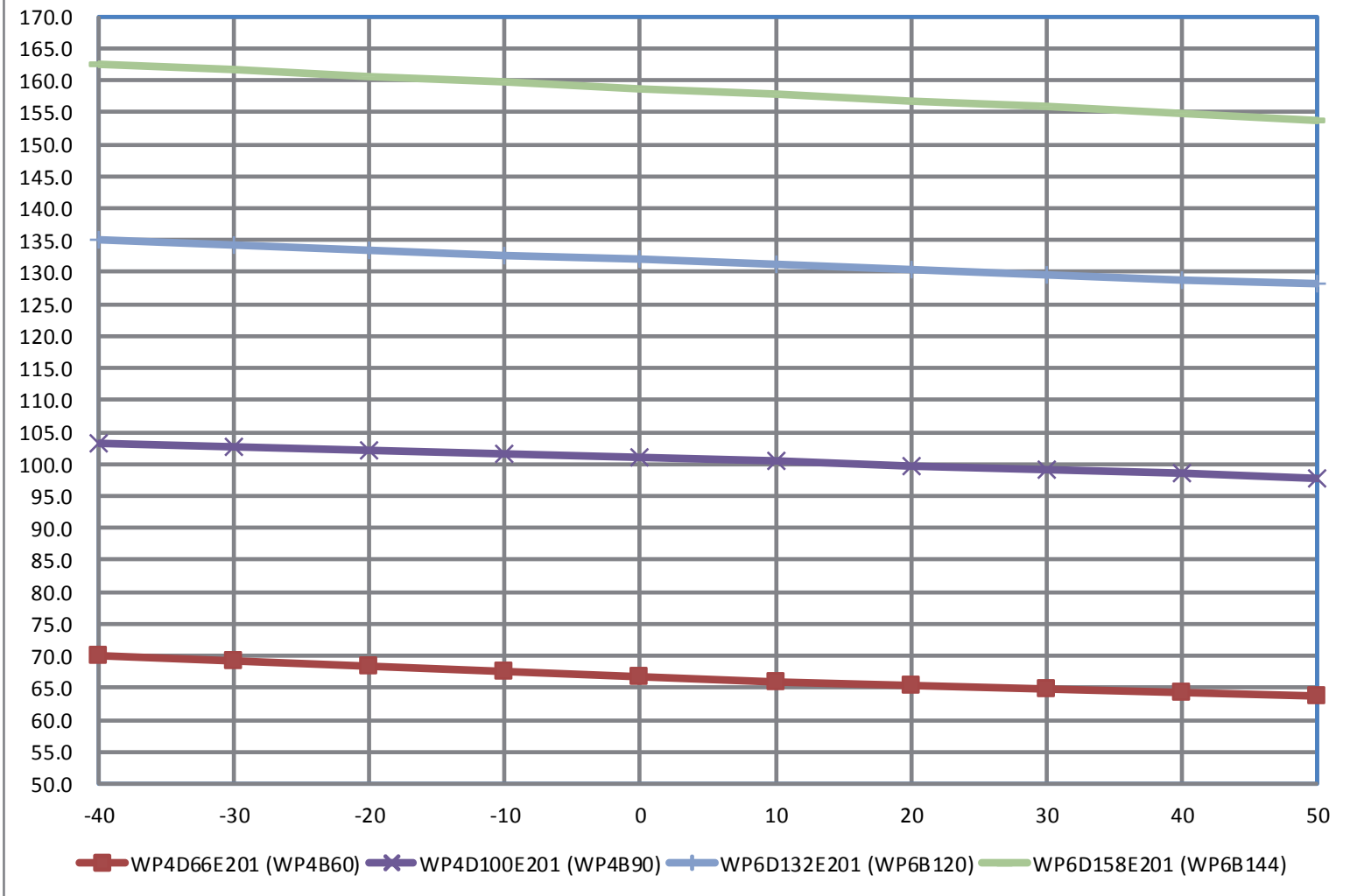
WP4 & WP6 Series Altitude & Temperature vs. Power

Rated conditions (STAND-BY POWER)			WP4D66E201 (WP4B60)	WP4D100E201 (WP4B90)	WP6D132E201 (WP6B120)	WP6D158E201 (WP6B144)
Elevation	Ambient pressure	Ambient temperature	Power	Power	Power	Power
m	bar	°C	kW	kW	kW	kW
0	1.013	15	65.6	100.1	130.8	157.2
500	0.955	12	65.6	100.1	130.7	157.3
1000	0.899	9	65.6	99.9	130.5	157.3
1500	0.846	5	65.6	99.6	130.3	157.1
2000	0.795	2	65.5	99.3	129.8	156.6
2500	0.747	-1	65.3	98.8	129.2	155.9
3000	0.701	-4	65.0	98.2	128.4	155.1
3500	0.658	-8	64.8	97.4	127.4	152.8
4000	0.617	-11	64.4	96.0	124.8	149.9
4500	0.578	-14	63.9	94.0	122.3	146.6

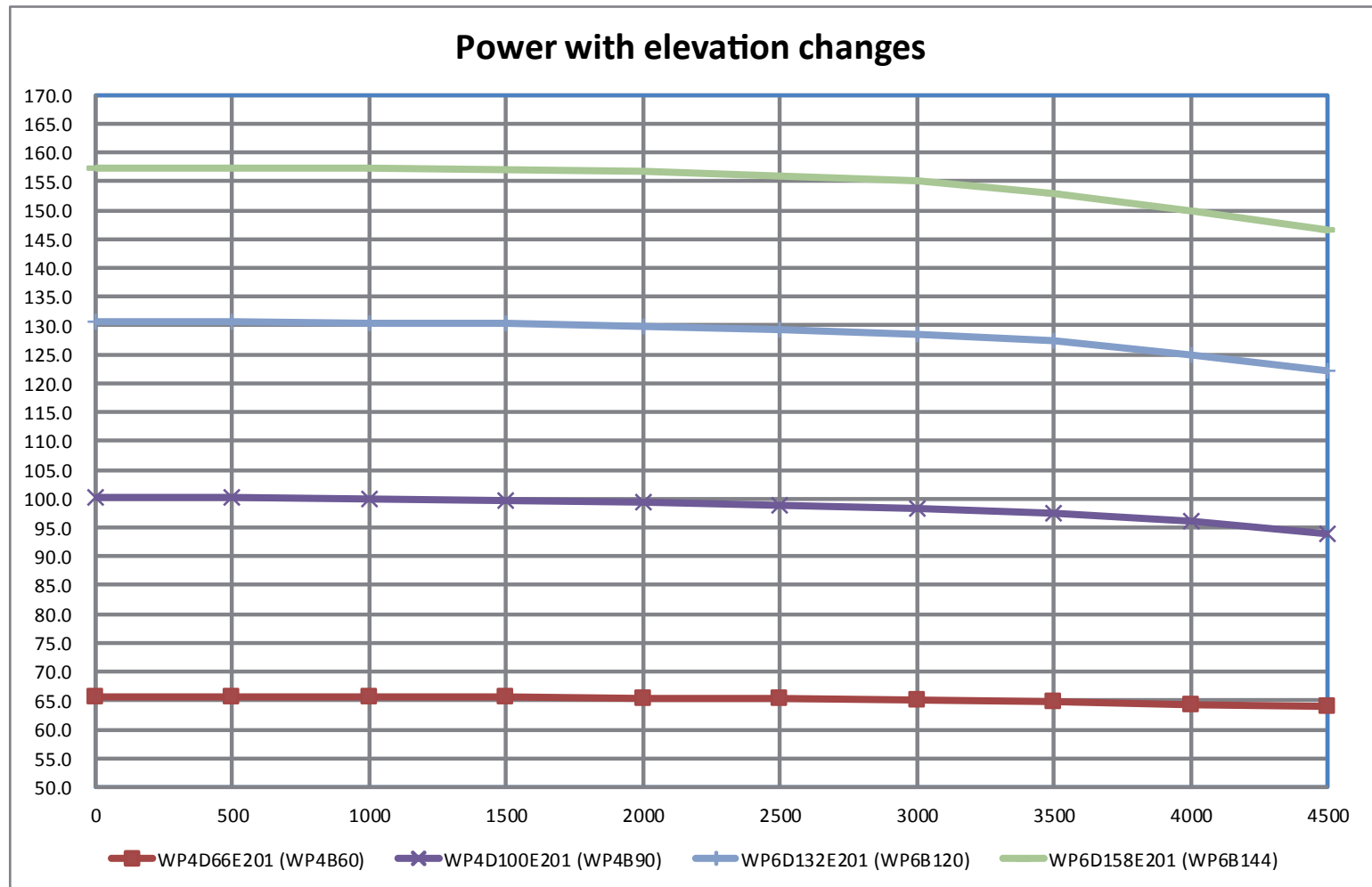
Rated conditions (STAND-BY POWER)	WP4D66E201 (WP4B60)	WP4D100E201 (WP4B90)	WP6D132E201 (WP6B120)	WP6D158E201 (WP6B144)
Ambient temperature	Power	Power	Power	Power
°C	kW	kW	kW	kW
-40	70.0	103.3	135.0	162.5
-30	69.2	102.7	134.2	161.6
-20	68.4	102.1	133.4	160.6
-10	67.4	101.6	132.6	159.7
0	66.7	101.1	131.9	158.7
10	65.9	100.4	131.1	157.7
20	65.3	99.8	130.4	156.7
30	64.8	99.1	129.7	155.8
40	64.2	98.5	128.8	154.8
50	63.7	97.8	128.1	153.8

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Power with Temperature Changes



WP4 & WP6 Series Altitude & Temperature vs. Power



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