

# Performance summary table

Synchronous 3-phase generators with permanent excitation  
Cast-iron housing



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These permanently excited generators have been specially developed for wind and water energy applications. They are especially suited for charging 12 or 24 V batteries. At power levels > 2 kW it is possible to feed back energy into the electrical supply or convert energy into heat. In order to achieve an optimum start-up behavior, particularly at low wind speeds, the generators have been designed to have quite zero standstill torque, thus improving the energy efficiency.

## DSG P series

71.07-0,8*	71.07-8*	80.10-8	112.14-10	112.17-10	112.16-10	132.15-10	132.20-10	160.20-10	200.25-10
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Speed

Maximum output power in [W] - continuous operation (SI)

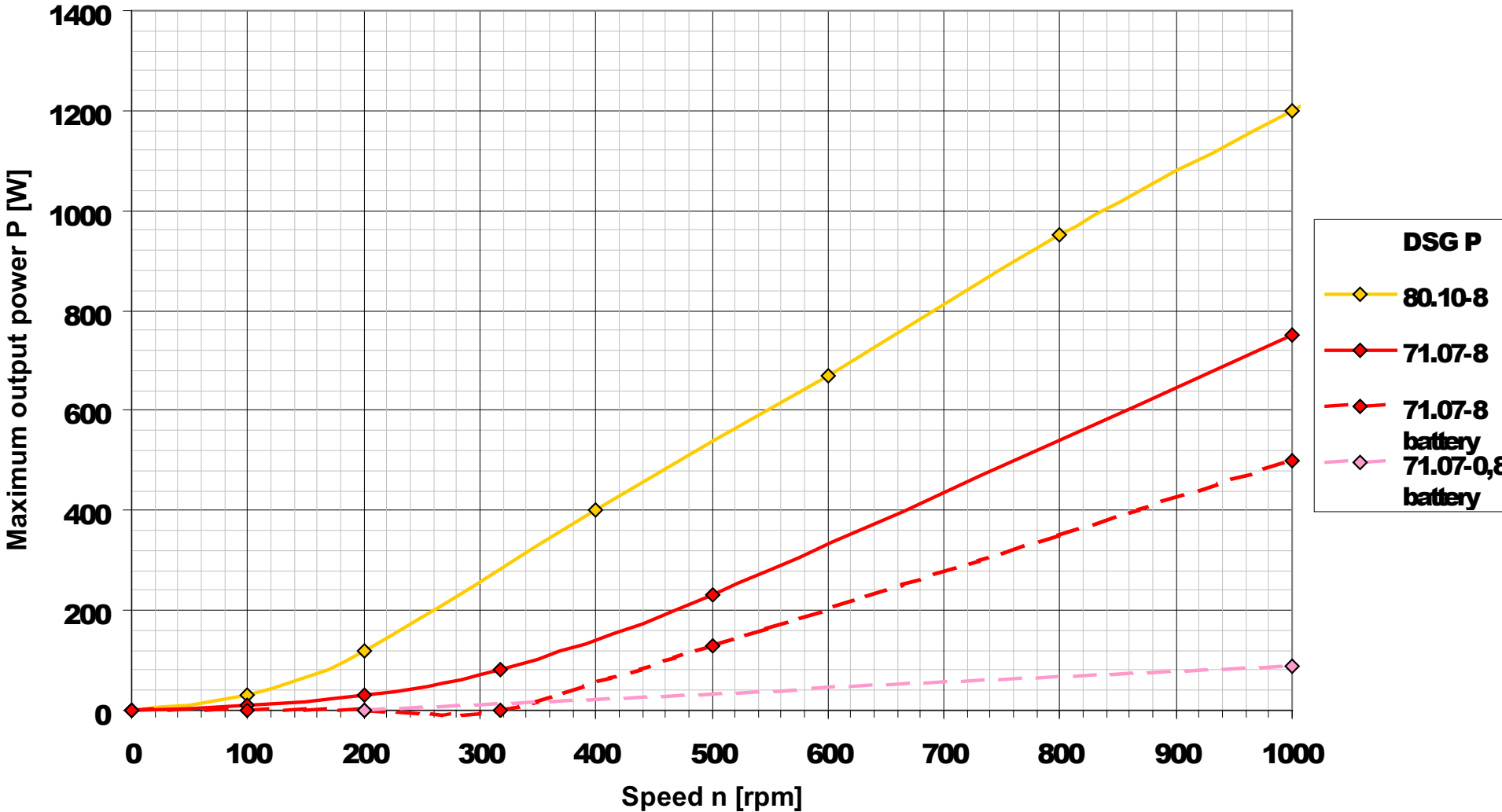
	71.07-0,8*	71.07-8*	80.10-8	112.14-10	112.17-10	112.16-10	132.15-10	132.20-10	160.20-10	200.25-10
200 rpm	0	/ 30	120	340	420	500	850	1.092	3.200	9.000
600 rpm	45	205 / 380	670	1.800	2.200	2.700	4.500	5.781	11.920	32.500
1000 rpm	90	500 / 750	1.200	3.700	4.300	5.300	9.300	11.948	22.000	57.000
1500 rpm	-	/ 1225	-	5.800	7.000	8.400	15.600	20.042	35.000	87.600
2000 rpm	-	/ 1700	-	7.900	9.700	11.500	21.750	27.944	48.000	118.250
2500 rpm	-	-	-	-	-	-	27.850	35.781	61.000	150.000
3000 rpm	-	-	-	-	-	-	34.000	43.682	74.000	-

\* Power levels in battery operation / power levels electrical supply operation.

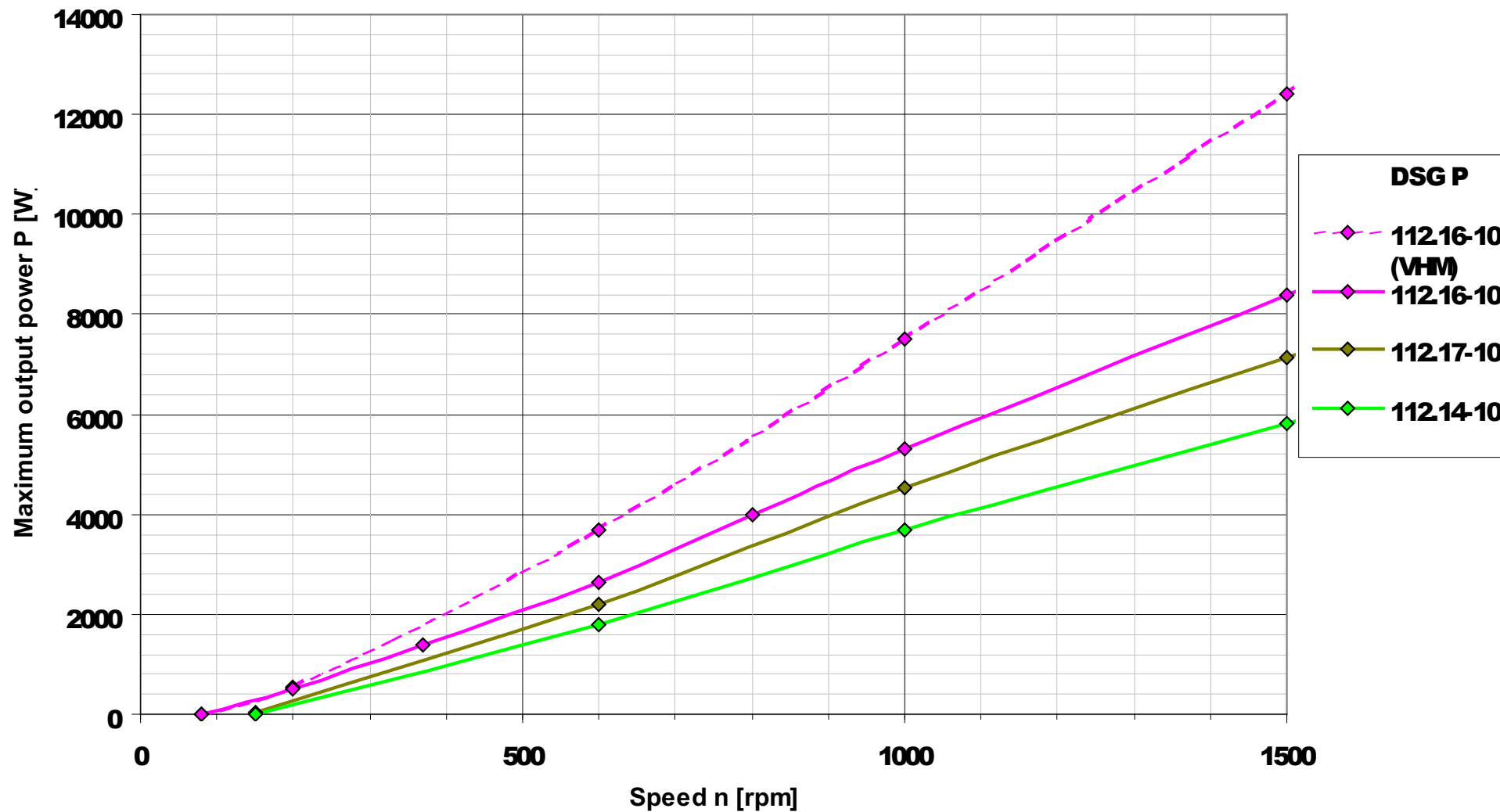
# Synchronous 3-phase generator up to 1000 rpm

(lower power range, up to 1.2 kW)

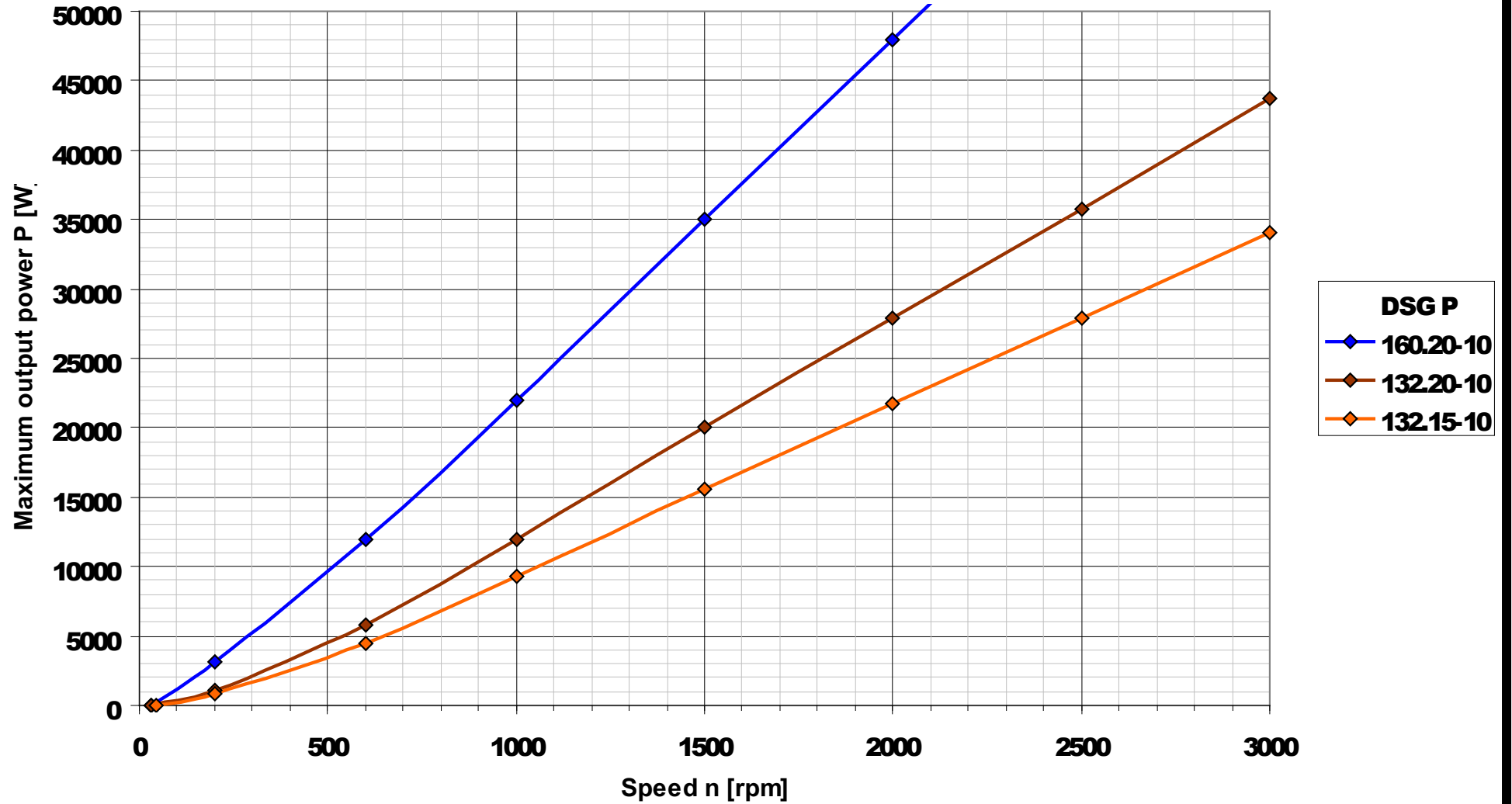
**battery operation**  
**+ electrical supply operation**



## Synchronous 3-phase generator up to 1500 rpm (medium power range, up to 12 kW)



## Synchronous 3-phase generator up to 3000 rpm (medium-high power range, up to 70 kW)



# Synchronous 3-phase generator up to 3000 rpm (high power range, up to 180 kW)

