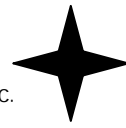




# Stellar Tech Systems Inc.



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## MAGNUM 1000 VARIABLE FREQUENCY DRIVE Inverter ratings

Model	Amps @ 50° C	KVA @ 50° C			Amps @ 40° C >25Hz	KVA @ 40° C		
		230VAC	380V AC	460V AC		230VAC	380V AC	460V AC
↓	↓				↓			
<b>ME 10.5</b>	10.5	4.2	6.9	8.4	13.1	5.2	8.6	10.4
<b>ME 12</b>	12	4.8	7.9	9.6	15	6.0	10	12
<b>ME 18</b>	18	7.2	11.8	14.3	22.5	9.0	14.8	17.9
<b>ME 22.5</b>	22.5	9.0	14.8	17.9	28	11	18.4	22.3
<b>ME 31</b>	31	12.3	20.4	24.7	39	15.5	25.6	31
<b>ME 38</b>	38	15	25	30.2	47	18.7	31	37.4
<b>ME 46</b>	46	18.3	30.2	36.6	57	22.7	37.5	45.4
<b>UE 60</b>	60	23.9	39.4	47.8	75	30	49.3	59.7
<b>UE 75</b>	75	30	49.3	59.7	94	37.4	62	74.8
<b>UE 90</b>	90	35.8	59	71.6	112	44.6	74	89
<b>UE 115</b>	115	45.8	75.6	91.5	144	57.3	94.7	114.6
<b>UE 140</b>	140	55.7	92	111.4	175	69.6	115	139.3

$$KW = KVA \times PF$$

$$HP = ((KVA \times 1000) \times (\text{Motor Efficiency}) \times (\text{Motor Power Factor})) \div 746$$

See Hyundai Motor Tables for Motor Efficiency & Power Factor.

Technology you can count on