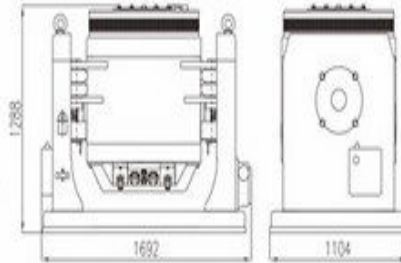
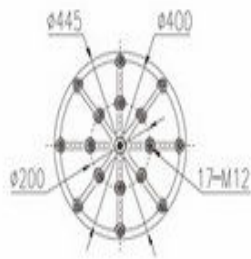
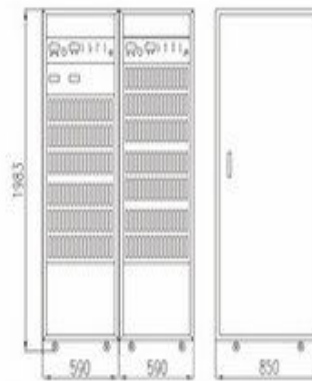


<b>System Model</b>	<b>ES-70W-445</b>	
<b>System Performance</b>	<b>Metric</b>	<b>British</b>
<b>Rated Random/Sine Force</b>	70 kN	15000 lbf
<b>Rated Shock Force</b>	140/210* kN	30000/47000* lbf
<b>Usable Frequency</b>	2-2700Hz	
<b>Maximum Velocity</b>	2/2.5* m/s	78.7/98.4* in/s
<b>Maximum Acceleration</b>	1000 m/s <sup>2</sup>	100 g
<b>Maximum Payload</b>	800 kg	1760 lbs
<b>Maximum Displacement p-p</b>	51 mm	2 in
<b>Resonance Frequency</b>	2400Hz±5%	
<b>Shaker Model</b>	<b>ET-70W</b>	
<b>Mass of Moving Elements</b>	60 kg	132 lbs
<b>Armature Diameter</b>	445 mm	17.5 in
<b>Weight</b>	About 4500 kg	About 9921 lbs
<b>Body Suspension Natural Frequency</b>	2.5 Hz	2.5 Hz
<b>Dimension L×W×H</b>	1692×1104×1288 mm	66.6×43.5×50.7 in
<b>Power Amplifier Model</b>	<b>DA-70</b>	
<b>Power</b>	50 kVA	
<b>Power Supply Requirement</b>	110kVA	
<b>Weight</b>	About 1000 kg	About 2205 lbs
<b>Dimension L×W×H</b>	1180×850×1983 mm	46.5×33.5×78 in
<b>Cooling Type</b>	<b>Water Cooling</b>	
<b>Cooling Unit Model</b>	<b>CU-1</b>	
<b>Internal Circle Water Flow (Distilled Water)</b>	40 L/min	8.8 gal/min
<b>Internal Circle Water Pressure (Distilled Water)</b>	1 MPa	145 psi
<b>External Circle Water Flow (City Water)</b>	100 L/min	22 gal/min

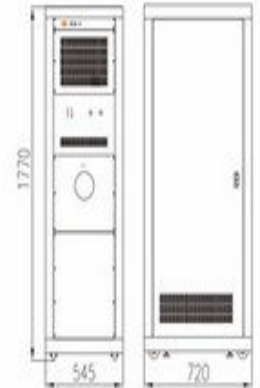
<b>External Circle Water Pressure (City Water)</b>	0.25-0.4 MPa	36-58 psi
<b>Water Pump Power (Internal/External)kW</b>	4/2.5 kW	
<b>Distilled Water Requirement</b>	Hardness 30ppm, PH7~8, Conductivity 1Us/cm	
<b>Unit Weight (kg)</b>	About 250 kg	About 551 lbs
<b>Dimension L×W×H</b>	545×720×1770 mm	21.5×28.3×69.7 in



Shaker ET-50/60/70W-445



Power Amplifier DA-50/60/70



Water Cooling Unit CU-1

NOTE: In keeping with our commitment to continuous product improvement, the information herein is subject to change.  
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