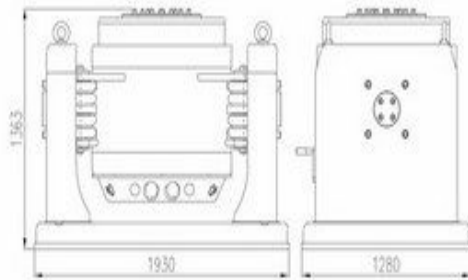
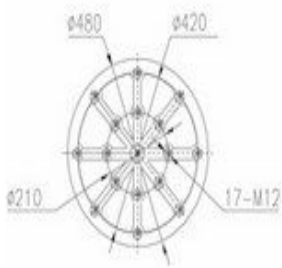
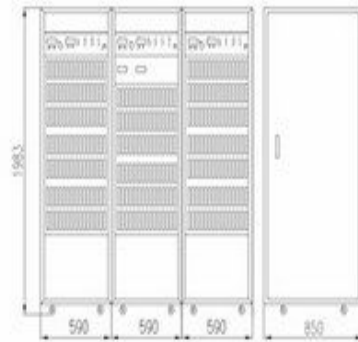


System Model	ES-80-480	
System Performance	Metric	British
Rated Random/Sine Force	80 kN	17000 lbf
Rated Shock Force	160/240* kN	35000/54000* lbf
Usable Frequency	2-2500 Hz	
Maximum Velocity	2/2.5* m/s	78.7/98.4* in/s
Maximum Acceleration	1000 m/s ²	100 g
Maximum Payload	1100 kg	2425 lbs
Maximum Displacement p-p	51 mm	2 in
Resonance Frequency	2100Hz±5%	
Shaker Model	ET-80	
Mass of Moving Elements	80 kg	176 lbs
Armature Diameter	480 mm	19 in
Weight	About 7300 kg	About 16093 lbs
Body Suspension Natural Frequency	2.5 Hz	2.5 Hz
Dimension L×W×H	1930×1280×1363 mm	76×50.4×53.7 in
Power Amplifier Model	DA-80	
Power	80 kVA	
Power Supply Requirement	140kVA	
Weight	About 1900 kg	About 4189 lbs
Dimension L×W×H	1770×850×1983 mm	69.7×33.5×78 in
Cooling Type	Water Cooling	
Cooling Unit Model	CU-2	
Internal Circle Water Flow (Distilled Water)	80 L/min	17.6 gal/min
Internal Circle Water Pressure (Distilled Water)	1 Mpa	145 psi
External Circle Water Flow (City Water)	160 L/min	35.2 gal/min
External Circle Water	0.25~0.4 Mpa	36-58 psi

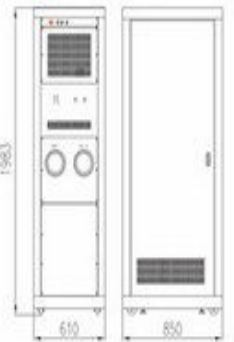
Pressure (City Water)		
Water Pump Power (Internal/External)kW	8/4 kW	
Distilled Water Requirement	Hardness 30ppm, PH7~8, Conductivity 1Us/cm	
Unit Weight (kg)	About300	About 661 lbs
Dimension L×W×H	610×850×1983 mm	24×33.5×78 in



Shaker ET-80/100-480



Power Amplifier DA-80/100



Water Cooling Unit CU-2

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