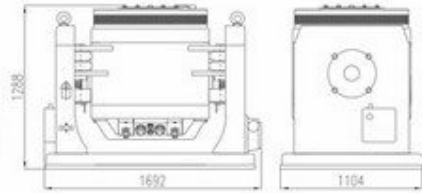
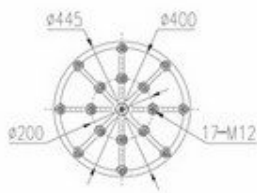
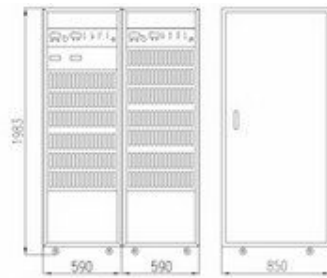


System Model	ES-60WLS3-445	
System Performance	Metric	British
Rated Random/Sine Force	60 kN	13000 lbf
Rated Shock Force	120/180* kN	26000/40000* lbf
Usable Frequency	2-2500 Hz	
Maximum Velocity	2/2.5* m/s	78.7/98.4* in/s
Maximum Acceleration	1000 m/s ²	100 g
Maximum Payload	800 kg	1763 lbs
Maximum Displacement p-p	76 mm	3 in
Resonance Frequency	2200Hz±5%	
Shaker Model	ET-60WLS3	
Mass of Moving Elements	60 kg	132 lbs
Armature Diameter	445 mm	17.5 in
Weight	About 4500 kg	About 9921 lbs
Body Suspension Natural Frequency	2.5 Hz	2.5 Hz
Dimension L×W×H	1692×1104×1288 mm	66.2×43.5×50.7 in
Power Amplifier Model	DA-60	
Power	60 kVA	
Power Supply Requirement	100kVA	
Weight	About 1000 kg	About 2205 lbs
Dimension L×W×H	1180×850×1983 mm	46.4×33.5×78 in
Cooling Type	Water Cooling	
Cooling Unit Model	CU-1	
Internal Circle Water Flow (Distilled Water)	40 L/min	8.8 gal/min
Internal Circle Water Pressure (Distilled Water)	1 MPa	145 psi
External Circle Water Flow (City Water)	100 L/min	22 gal/min
External Circle Water	0.25-0.4 MPa	36-58 psi

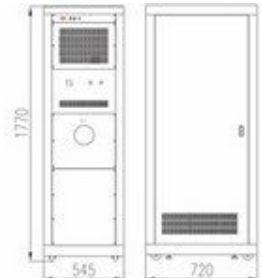
Pressure (City Water)		
Water Pump Power (Internal/External)kW	4/2.5 kW	
Distilled Water Requirement	Hardness 30ppm, PH7~8, Conductivity 1Us/cm	
Unit Weight (kg)	About 250 kg	About 551 lbs
Dimension L×W×H	545×720×1770 mm	21.5×28.3×70 in



Shaker ET-50/60/80WLS3-445



Power Amplifier DA-50/60/80
(There are three cabinets for DA-80)



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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