

POWER SUPPLY CHARACTERISTICS OF
ELECTRICAL SYSTEMS IN FOREIGN COUNTRIES

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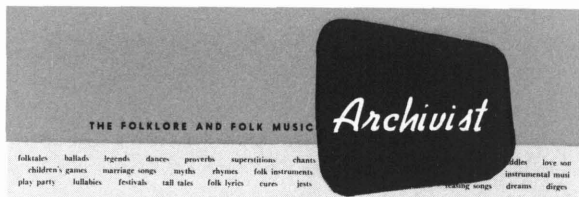
Until in recent years, electrical current characteristics of power supplies in foreign countries was of importance mostly to the electrical appliance manufacturer with an export trade. With the shrinking of distances between countries by modern transportation such information is now of great importance to many groups, especially to those groups working in areas employing recording and reproducing apparatus where the speed and consequently the pitch of the recorded material is a function of the frequency of the electrical supply current.

It is understood that Great Britain has adopted a plan to standardize electrical distribution characteristics both as to potential and frequency and the standard potential for both alternating and direct current supplies will be 230 volts and the standard frequency for alternating voltage supplies will be 50 cycles per second.

The increased activity of the United States foreign aid program is also influencing, to some extent, the available current supplies in some other countries.

The following listing constitutes the characteristics of electrical supplies most generally used in several broad geographical areas. The variety shown will indicate to individuals planning recording expeditions in these areas some of the problems in electrical supply which they may face and which should be taken into consideration in procuring recording equipment. For details as to electrical supply in specific localities we would like to refer you to a document issued in April, 1954, by the U.S. Department of Commerce, entitled: Electrical Current Abroad. This document can be obtained at a nominal cost from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D. C.

	<u>Frequency</u>	<u>D. C. Volts</u>	<u>A. C. Volt</u>
<u>Africa</u>	40 cps	110	110
	42 cps	220	115
	50 cps	230	120
	60 cps	240	125
			127
			130
			190
			200
			208
			220
<u>Asia</u>	40 cps	110	100
	50 cps	220	110
	60 cps	230	115
			120
			127
			135
			190
			200
			220
			230
		240	
<u>Europe</u>	25 cps	110	110
	42 cps	127	115
	45 cps	130	120
	50 cps	160	125
	60 cps	200	127
	76 cps	220	130
		230	150
		240	160
		260	190
		440	200
			208
			220
			240
		260	
<u>Oceania</u>	40 cps	220	110
	50 cps	230	120
	60 cps	240	208
			220
			230
		240	
		250	



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