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A Review on Characteristics of Wireless Power Transfer

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Abstract: *In this paper we discuss the various types of WPT scheme implementations. we analysis wireless power transfer, we discuss the advantage and disadvantage of wireless transfer system, current trends of WPT system technology and research done by various researchers in the field of WPT system. WPT is the transmission of power from AC source to batteries without wire or connector is called wireless power transfer. Today WPT technology used in many applications smart devices household products and the various field of electronics by the use of technology wireless power transfer we can remove the wired connectors and other mode of transferring power physical link due to this the mobility and use of these devices become convenient for everyone the use of WPT technology in near future increases rapidly research and development work in WPT maybe increase in near future the distance between power transfer wireless link or power receiving source like rechargeable device or battery source or increases the power voltage transfer capacity are the main research and development areas for future development.*

Keywords: WPT (wireless power transfer), CPT (capacitive power transfer), IPT (inductive power transfer), MPT (Microwave Power Transfer), LPT (Laser power transfer)

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