

INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY RESEARCH AND STUDIES

VOLUME02ISSUE01

"IMPORTANCE OF SWITCHED MODE POWER SUPPLY"

PROSANTA BAIDYA; MD.NOOR MAHAMMAD MONDAL; SWARNENDU BERA; SAIKAT SARKAR; SANJIT ROY; SAHANURJAMAL SAIKH

Abstract

Switched Mode Power supplies are important for use in personal computers and several other electronic instruments. The main cause of the using switched mode power supply is to provide quality power supply to the equipment's which prevents unwanted damage of those. The proposed scheme is designed and simulated by using PSIM electronic simulation software. The obtained results show better performance of the power supply with respect to its output voltage regulation and input power quality.

KEYWORDS

Switched Mode Power Supply, rectifier, Input power quality, output voltage regulation, output transformer.

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AUTHOR'S AFFILIATION PROSANTA BAIDYA

Corresponding Author Electrical and Electronics Engineering Department, Mirmadan Mohanlal Govt. Polytechnic VILL:- Gobindapur, P.O:- Plassey, P.S:- Kaliganj, DIST:- Nadia, PIN:- 741156.

MD NOOR MAHAMMAD MONDAL

Corresponding Author Electrical and Electronics Engineering Department, Mirmadan Mohanlal Govt. Polytechnic VILL:- Gobindapur, P.O:- Plassey, P.S:- Kaliganj, DIST:- Nadia, PIN:- 741156.

SWARNENDU BERA

Corresponding Author Electrical and Electronics Engineering Department, Mirmadan Mohanlal Govt. Polytechnic VILL:- Gobindapur, P.O:- Plassey, P.S:- Kaliganj, DIST:- Nadia, PIN:- 741156.

SAIKAT SARKAR

Corresponding Author Electrical and Electronics Engineering Department, Mirmadan Mohanlal Govt. Polytechnic VILL:- Gobindapur, P.O:- Plassey, P.S:- Kaliganj, DIST:- Nadia, PIN:- 741156.

SANJIT ROY

Corresponding Author Electrical and Electronics Engineering Department, Mirmadan Mohanlal Govt. Polytechnic VILL:- Gobindapur, P.O:- Plassey, P.S:- Kaliganj, DIST:- Nadia, PIN:- 741156.



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SAHANURJAMAL SAIKH

Electrical and Electronics Engineering Department, Mirmadan Mohanlal Govt. Polytechnic ,VILL:- Gobindapur, P.O:- Plassey, P.S:- Kaliganj, DIST:- Nadia, PIN:- 741156.