











## References

- [1] Mummadi Veerachary, "Control of TI-SEPIC Converter for Optimal Utilization of PV Power", IICPE, 2010 New Delhi.
- [2] W. Jiang and B. Fahimi, "Multi-port power electric interface for renewable energy sources," in Proc. IEEE 2009 Appl. Power Electron. Conf., pp. 347-352.
- [3] H. Tao, J. L. Duarte, Hendrix, M.A.M., "Multiport converters for hybrid power sources," in IEEE Proc. PESC, USA, 2008.
- [4] G. Su and L. Tang, "A reduced-part, triple-voltage DC-DC converter for EV-HEV power management," IEEE Trans. Power Electron., vol. 24, no. 10, pp. 2406-3410, Oct. 2009.
- [5] Gui-Jia Su, Lixin Tang, "A multiphase, modular, bidirectional, triple voltage DC-DC converter for hybrid and fuel cell vehicle power system, " IEEE Trans. on Power Electronics, vol. 23, no. 6, pp. 3035- 3046, 2008.
- [6] G. Gamboa, C. Hamilton, R. Kerley, "Control strategy of a multi- port, grid connected direct DC PV charging station for plug-in electric vehicles ," in proc. IEEE Energy Conversion Congress & Expo, Atlanta, USA, 2010, pp. 1173-1177.
- [7] Chuanhong Zhao, Simon D. Round, Johann W., "An isolated three-port bidirectional DC-DC converter with decoupled power flow management," IEEE Trans. on Power Electronics, vol. 23, no. 5, pp. 2443 -2453, 2008.
- [8] Haimin Tao, J. L. Duarte, Marcel A. M., "Three-port triple-half-bridge bidirectional converter with zero-voltage switching," IEEE Trans. On power Electronics, vol. 23, no. 2, pp. 782-792, 2008.
- [9] H. Tao, A. Kotsopoulos, J. Duarte, and M. Hendrix, "Transformer coupled multiport ZVS bidirectional dc-dc converter with wide input range," IEEE Trans. Power Electron., vol. 23, no. 2, pp. 771-781, Mar. 2008
- [10] Zhan Wang, Hui Li, "Integrated MPPT and bidirectional battery charger for PV application using one multiphase interleaved three-port DC-DC converter," in Proc. IEEE APEC 2011, USA, pp. 295-300.
- [11] Hongfei Wu, Kai Sun, Zihu Zhou, Yan Xing, "An integrated four-port full-bridge converter with DMPPT for renewable power system," in PEDG, 2012 3rd IEEE International Symposium on, 2012, pp. 895- 900.
- [12] Hongfei Wu, Runruo Chen, Junjun Zhang, Yan Xing, "A family of three-port half-bridge converters for a stand-alone renewable power system," IEEE Trans. on Power Electronics, vol. 26, no.9, pp. 2697-2706, 2011.

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