

Power Electronics Projects

I. POWER ELECTRONICS based MULTI-PORT SYSTEMS

1. An Interpersed Half- Bridge Three-Port Converter With increased supremacy Transfer competence Using Three-Leg Rectifier for inexhaustible power application. (IEEE 2016)
2. Supplementary-Side-Regulated Soft-Switching chock Full Bridge Three-Port Converter Based on Bridgeless advance Rectifier and Bidirectional proponent for Multiple power Interface.(IEEE 2016)
3. Scrutiny, Design, Modeling and regulating of an Interpersed-Boost entire-Bridge Three Port Converter for Hybrid Renewable Energy Systems. (IEEE 2016)
4. A Triple effective Bridge DC-DC advocate competent of obtaining packed-variety ZVS . (IEEE 2016)

II. POWER ELECTRONICS based RENEWABLE ENERGY

1. High-put on only-Stage Boosting Inverter for Photovoltaic Applications. (IEEE 2016)
2. An only-Phase PV Quasi-Z-basis capsizes With Reduced Capacitance Using customized Modulation and dual-Frequency wrinkle Suppression direct. (IEEE 2016)
3. A Intermediate Frequency Transformer-Based storm Energy change scheme Used for Current supply Converter Based Offshore Wind system. (IEEE 2016)
4. Especially-capacitor-set mixture influence Storage scheme Based resting on the Asymmetric twodirectional Z Source Topology for EV. (IEEE 2016)
5. competent only Phase Transformerless Inverter in support of network-together PVG System With thoughtless Power manage. (IEEE 2016)
6. Decidedly steadfast Transformerless Photovoltaic Inverters among leak Current and energetic Power exclusion. (IEEE 2016)

III. POWER ELECTRONICS based CONVERTERS

1. Lofty Gain DC–DC Converter Based resting on the Cockcroft–Walton Multiplier. **(IEEE 2016)**
2. A Triple-State Switching boost up Converter diverse by captivating Coupling and Voltage Multiplier Techniques in favour of lofty Gain renovation. **(IEEE 2016)**
3. High-competence united-Inductor-Based stride-along Converter. **(IEEE 2016)**
4. A folks of Isolated Buck-boost up Converters Based on Semi active Rectifiers for High-amount produced Voltage Applications. **(IEEE 2016)**
5. A compassion-enhanced PFM LLC Resonant packed Bridge DC-DC Converter by way of LC antagonistic-echoing Circuitry. **(IEEE 2016)**
6. High-competence LLC significant Converter among High power Gain Using an secondary LC Resonant Circuit. **(IEEE 2016)**
7. Multi-effort stage-Up Converters Based on the Switched-Diode-Capacitor current miser **(IEEE 2016)**
8. Tear-part Control: Achieving absolute flexible Charging process of a Dickson Switched-translator. **(IEEE 2016)**
9. A PWM added to Phase-Shift Controlled Interleaved inaccessible improve Converter Based under fully-dynamic Quadrupler Rectifier for sky-scraping stride-Up Applications. **(IEEE 2016)**
10. High-inefficiency joined-Inductor-Based Step-losing Converter. **(IEEE 2016)**

IV. POWER ELECTRONICS based POWER FACTOR CORRECTION CONVERTER

1. LCL Filter intend in favour of Three-point Two-altitude control aspect modification using procession Network Impedance Stabilization. **(IEEE 2016)**
2. Organize of a solitary-phase Three-point advance supremacy Factor amendment Rectifier. **(IEEE 2016)**
3. A twodirectional solitary-stage three-phase Rectifier by way of lofty-frequency Isolation and control factor adjustment. **(IEEE 2016)**
4. Bumbles have power over for Reduced THD in rule aspect adjustment Circuits. **(IEEE 2016)**

V. POWER ELECTRONICS based INVERTERS

1. Laboratory analysis and create of personalized lacking-Bridge sequence Resonant Inverter with DC-relation Neutral-end Clamped group. **(IEEE 2016)**
2. Mixture inflection Scheme for a High-regularity AC-bond Inverter. **(IEEE 2016)**
3. A fixed Inductor Based lofty improve Inverter with secondary–Unity Turns–part Range. **(IEEE 2016)**
4. Switched-joined-Inductor Quasi-Z-font Inverter. **(IEEE 2016)**
5. A ZVS gridiron-associated filled-Bridge Inverter by way of a narrative ZVS SPWM method. **(IEEE 2016)**
6. Twin resist Inverter through sequence linked Diodes and solitary Inductor. **(IEEE 2016)**
7. Three-part tear-cause Inverter (TCI): study and inflection. **(IEEE 2016)**
8. A Pulse-width Modulation system used for High Voltage achieve action of Three-part Z-supply Inverters. **(IEEE 2016)**
9. Bidirectional lone energy-Conversion DC-AC Converter with Non-paired Active-compress Circuits. **(IEEE 2016)**
10. High-effectiveness Bidirectional DAB Inverter Using a original Hybrid accent for Stand-unaided clout Generating method with low down Input energy **(IEEE 2016)**

VI. POWER ELECTRONICS based MULTILEVEL INVERTERS

1. A Folks of Five-plane twofold-resist chock-a-block-Bridge Inverters used for Grid-coupled Applications. **(IEEE 2016)**
2. A only DC spring Cascaded Seven-point Inverter Joining Switched Capacitor systems. **(IEEE 2016)**
3. An Enhanced only point Stride-Up Five-plane Inverter. **(IEEE 2016)**
4. A New-fangled Cascaded Switched-Capacitor Several level Inverter Based taking place Improved sequence corresponding alteration through a smaller amount of Components. **(IEEE 2016)**
5. Propose and working of a Novel Twinlevel DC–AC Inverter. **(IEEE 2016)**