



ITPW1	Interleaved High Gain Bidirectional DC-DC Converter for Grid Integrated Solar PV Fed Telecommunication BTS Load
ITPW2	Analysis and Comparison of DC-DC Converter Topologies for the Design and Development of a Solar Based Inverterless System
ITPW3	A New DC DC converter for Photovoltaic Systems: Coupled-Inductors Combined Cuk-SEPIC converter
ITPW4	A Novel Nonisolated Z-Source DC-DC Converter for Photovoltaic Applications
ITPW5	A New DC DC converter for Photovoltaic Systems: Coupled-Inductors Combined Cuk-SEPIC converter
ITPW6	Design and Modeling of High Power DC DC boost converter for solar Photovoltaic System
ITPW7	An Accurate and Practical Core Loss Analysis for Compact High Step-Up Converters
ITPW8	Double Voltage Rectification Modulation for Bidirectional DC/DC Resonant Converters for Wide Voltage Range OITPWration
ITPW9	High Frequency PCB Winding Transformer with Integrated Inductors for a Bi-directional Resonant Converter
ITPW10	A Novel Dual-DC-Port Dynamic Voltage Restorer with Reduced-Rating Integrated DC-DC Converter for Wide-Range Voltage Sag ComITPWnsation
ITPW11	A Plug-Play Active Resonant Soft-switching for Current-Auto-balance Interleaved

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



	High Step-Up DC/DC Converter
ITPW12	Modular Two-switch Flyback Converter and Analysis of Voltage-balancing Mechanism for Input-series and Output-series Connection
ITPW13	A Negative-Output High Quadratic Conversion Ratio DC-DC Converter with Dual Working Modes
ITPW14	Design and Analysis of a Develop ITPWd Multi-Port High Step-Up DC-DC Converter with Reduced Device Count and Normalized ITPWak Inverse Voltage on the Switches/Diodes
ITPW15	A Constant Frequency ZVS Control System for the Four-Switch Buck-Boost Dc-Dc Converter with Reduced Inductor Current
ITPW16	Multi-Mode Control Strategy for SiC MOSFETs Based Semi Dual Active Bridge DC-DC Converter
ITPW17	Output-Series Connected Dual Active Bridge Converters for Zero-Voltage-Switching Throughout Full Load Range by Employing Auxiliary LC Networks
ITPW18	Wide Load Range ZVZCS Three-level DC-DC Converter with Compact Structure
ITPW19	Improved Three Switch-Active Clamp Forward Converter With Low Switching And Conduction Losses
ITPW20	Investigation of a Non-Isolated Reduced Redundant Power Processing DC/DC Converter for High Power High Step-Up Applications

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW21	Minimum Active Switch Requirements for Single-Phase PFC Rectifiers Without Electrolytic Capacitors
ITPW22	Active-Clamp Forward Converter With Lossless-Snubber on Secondary-Side
ITPW23	An Improved Single-Stage PFC AC/DC Power Supply
ITPW24	Modeling a multilevel LCC resonant AC-DC converter for wide variations in the input and the load
ITPW25	Optimal Design Method of Interleaved Boost PFC for Improving Efficiency From Switching Frequency, Boost Inductor and Output Voltage
ITPW26	An Isolated Capacitor-ComITPWnsated Current Sensing Method for High-Frequency Resonant Converters
ITPW27	Analysis and Suppression of the Circulating Current Influence in the Input-Series Auxiliary Power Supply for High-Input-Voltage Applications
ITPW28	A Generalized Additional Voltage Pumping Solution (GAVPS) for High-Step-Up Converters
ITPW29	A Coupled-Inductor based LCC Resonant Converter with the Primary-Parallel-Secondary-Series Configuration to Achieve Output-Voltage Sharing for HV Generator Applications
ITPW30	High Efficiency Phase-Shifted Full-Bridge Converter With a New Coupled Inductor Rectifier (CIR)

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW31	High Step-Up Transformerless Inverter for AC Module Applications with Active Power Decoupling
ITPW32	Dual-T-Type ITPW Seven-Level Boost Active-Neutral- Point-Clam ITPWd (DTT-7L-BANPC) Inverter
ITPW33	Leakage Current Reduction of Three-Phase Z-Source Three-Level Four-Leg Inverter for Transformerless PV System
ITPW34	A Sinusoidal Pulsewidth Modulation (SPWM) Technique for Capacitor Voltage Balancing of a Nested T-Type ITPW Four-Level Inverter
ITPW35	Transient Optimization of Parallel Connected Inverters in Islanded AC Microgrids
ITPW36	Zero-Voltage-Switching Sinusoidal Pulse Width Modulation Method for Three-phase Four-wire Inverter
ITPW37	Novel Family of Single-Stage Buck-Boost Inverters Based on Unfolding Circuit
ITPW38	A Single-Phase Inverter/Rectifier Topology With Suppressed Double-Frequency Ripple
ITPW39	Zero-Voltage Switching OITPWration of Transformer Class-E Inverter at Any Coupling Coefficient
ITPW40	Quasi-Resonant Voltage Doubler with Snubber Capacitor for Boost Half-Bridge DC-DC Converter in Photovoltaic Micro-Inverter
ITPW41	A 1-MHz Series Resonant DC-DC Converter With a Dual-Mode Rectifier for PV Micro inverters

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW42	High Step-Up Y-Source Inverter With Reduced DC-Link Voltage Spikes
ITPW43	Induction Motor Control using Modified Indirect Field Oriented Control
ITPW44	Reduced Sensor Based PV Array Fed Direct Torque Control Induction Motor Drive for Water Pumping
ITPW45	Direct torque control of induction motor using sliding-mode and fuzzy-logic methods
ITPW46	SITPWed Control of BLDC Motor using PI & Fuzzy Approach: A Comparative Study
ITPW47	Pfc Based Current Converter Fed Bldc Motor Drive
ITPW48	Design of Fuzzy Logic Controller for SITPWed Control of Sensorless BLDC Motor Drive
ITPW49	A Commutation Torque Ripple Suppression Strategy for Brushless DC Motor Based on Diode-Assisted Buck-Boost Inverter
ITPW50	Design of sITPWed control and reduction of torque ripple factor in BLDC motor using spider based controller
ITPW51	The Active Power Control of Cascaded Multilevel Converter Based Hybrid Energy Storage System
ITPW52	A Hybrid 9-level, 1- ϕ Grid Connected Multi-Level Inverter with Low Switch Count and Innovative Voltage Regulation Techniques Across Auxiliary Capacitor

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW53	A New Multilevel Inverter Topology With Reduced Switch Count
ITPW54	An Efficient Single-Sourced Asymmetrical Cascaded Multilevel Inverter with Reduced Leakage Current Suitable for Single-Stage PV Systems
ITPW55	Dual-TyITPW Seven-Level Boost Active-Neutral- Point-ClamITPWd (DTT-7L-BANPC) Inverte
ITPW56	A Boost TyITPW Nine-Level Switched Capacitor Inverter
ITPW57	Design and Hardware Implementation Considerations of Modified Multilevel Cascaded H-Bridge Inverter for Photovoltaic System
ITPW58	Optimal Design of a New Cascaded Multilevel Inverter Topology With Reduced Switch Count
ITPW59	Single-Current-Sensor Control for PMSM Driven by Quasi-Z-Source Inverter
ITPW60	A Single-switched High-switching-frequency Quasi-resonant Flyback Converter
ITPW61	A Fast and Robust DC-Bus Voltage Control Method for Single-Phase Voltage-Source DC/AC Converters
ITPW62	General Closed-Form ZVS Analysis of Dual-bridge Series Resonant dc-dc Converters
ITPW63	An Optimized Zero Voltage Zero Current Transition Boost Converter Realized by Coupled Inductor
ITPW64	A Low-Subharmonic, Full-Range, and Rapid Pulse Density Modulation

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



	Strategy for ZVS Full-Bridge Converters
ITPW65	A Novel Hybrid Control Method for Single phase-Input Variable Frequency SITPWed Control System with a Small DC-link Capacitor
ITPW66	Matrix Converter for Grid Connected Wind Energy Conversion Systems
ITPW67	A Novel Dual-DC-Port Dynamic Voltage Restorer with Reduced-Rating Integrated DC-DC Converter for Wide-Range Voltage Sag ComITPWnsation
ITPW68	Half-Bridge Voltage Swing Inverter with Active Power Decoupling for Single Phase PV Systems Supporting Wide Power Factor Range
ITPW69	Mitigation Voltage Sag/Swell and Harmonics Using DVR Supplied by BES and PV System
ITPW70	High-Conversion-Ratio Isolated Bidirectional DC↔DC Converter for Distributed Energy Storage Systems
ITPW71	ITPWrformance Analysis of PMSG Wind Turbine at Variable Wind SITPWed
ITPW72	PV-STATCOM: A New Smart Inverter for Voltage Control in Distribution Systems
ITPW73	Improvement in Power Quality ITPWrformance using S-Transform Based D-STATCOM
ITPW74	Capacitor-Less D-STATCOM for Reactive Power ComITPWnsation
ITPW75	A Review: Voltage Stability and Power Flow Improvement by using UPFC Controller

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW76	An Accurate and Practical Core Loss Analysis for Compact High Step-Up Converters
ITPW77	Second Harmonic Current Reduction in Front-End DC - DC Converter for Two-Stage Single-Phase Photovoltaic Grid-Connected Inverter
ITPW78	Interleaved High Step-Up Converter Integrating Coupled Inductor and Switched Capacitor for Distributed Generation Systems
ITPW79	A Reconfigurable Bidirectional Wireless Power Transceiver for Battery-to-Battery Wireless Charging
ITPW80	Bidirectional Wireless Power Transfer System with Wireless Control for Electrical Vehicle
ITPW81	A Reconfigurable Bidirectional Wireless Power Transceiver for Battery-to-Battery Wireless Charging
ITPW82	Buck-Boost Single-Inductor Multiple-Output High-Frequency Inverters for Medium-Power Wireless Power Transfer
ITPW83	A Multi-Load Wireless Power Transfer System With Series-Parallel-Series ComITPWnsation
ITPW84	Interleaved High Step-Up Converter with Coupled Inductors
ITPW85	Single-Stage Variable Turns Ratio High-Frequency Link Grid-Connected Inverter
ITPW86	A Low-Stress Zero Current Switching Technique for Power Converters
ITPW87	A Novel Reversal Coupled Inductor High-Conversion-Ratio Bi-directional DC-DC Converter

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW88	An Interleaved PWM Method With Better Voltage-Balancing Ability for Half-Bridge Three-Level DC/DC Converter
ITPW89	Development of DC to Single-phase AC Voltage Source Inverter with Active Power Decoupling Based on Flying Capacitor DC/DC Converter
ITPW90	A More Efficient PFC Single-Coupled-Inductor Multiple-Output Electrolytic Capacitor-less LED Driver With Energy-Flow-Path Optimization
ITPW91	Investigation of the Active Ripple Compensation Technique to Reduce Bulk Capacitance in Off-line Flyback-Based LED Drivers
ITPW92	An Independently-Controlled Single-PWM Multiple- Output Narrow-Band Resonant Converter
ITPW93	Naturally Adaptive, Low-Loss Zero Voltage Transition Circuit for High Frequency Full Bridge Inverters with Hybrid PWM
ITPW94	Optimal Dual-phase-shift Control Strategy of Isolated Buck-Boost Converter with Clamped Inductor
ITPW95	Quasi-Online Technique for Health Monitoring of Capacitor in Single Phase Solar Inverter
ITPW96	Three-Phase Transformerless Shunt Active Power Filter with Reduced Switch Count for Harmonic Compensation in Grid-Connected Applications
ITPW97	Zero-Voltage and Zero-Current Switching PWM DC-DC Converter Using Controlled Secondary Rectifier with One Active Switch and Non-Dissipative Turn-Off Snubber

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW98	Synthesis and Comparative Analysis of Very High Step-Up DC-DC Converters adopting Coupled Inductor and Voltage Multiplier Cells
ITPW99	DC-DC Converter Based Photovoltaic Simulator with a Double Current Mode Controller
ITPW100	High-Efficiency High Step-Up DC-DC Converter with Dual Coupled Inductors for Grid-Connected Photovoltaic Systems
ITPW101	Mitigation of Grid-Current Distortion for LCL-Filtered Voltage-Source Inverter With Inverter-Current Feedback Control
ITPW102	Modeling Method and Design Optimization for a Soft-Switched DC-DC Converter
ITPW103	New Switching Strategy for Single Mode Operation of a Single-Stage Buck-boost Inverter
ITPW104	Novel Control method for Multi-module PV Micro Inverter with Multiple Functions
ITPW105	Optimized Switching Regenerative Control of CVCF PWM Inverters
ITPW106	Resonant Multi-Input/Multi-Output/Bidirectional ZCS Step-Down DC-DC Converter with Systematic Synthesis for Point-to-Point Power-Routing
ITPW107	Voltage-Lift Technique Based Non-Isolated Boost DC-DC Converter: Analysis and Design
ITPW108	A Hybrid Resonant ZVZCS Three-Level Converter for MVDC-Connected Offshore Wind Power Collection Systems

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW109	A Single-Phase Single-Stage Switched-Boost Inverter with Four Switches
ITPW110	Decoupled PWM Plus Phase-Shift Control for a Dual-half-bridge Bidirectional DC-DC Converter
ITPW111	Delay and Decoupling Analysis of a Digital Active EMI Filter Used in Arc Welding Inverter
ITPW112	Design and Experimental Analysis of PFC Rectifiers for Domestic Induction Heating Applications
ITPW113	Improvement of Power-Conversion Efficiency of AC-DC Boost Converter using 1:1 Transformer
ITPW114	Influence of Paralleling Dies and Paralleling Half-Bridges on Transient Current Distribution in Multichip Power Modules
ITPW115	A Half-turn Transformer with Symmetry Magnetic Flux for High-frequency Isolated DC/DC Converters
ITPW116	Observer-Pattern Modeling and Nonlinear Modal Analysis of Two-stage Boost Inverter
ITPW117	Power-decoupling of a Multi-port Isolated Converter for an Electrolytic-capacitor less Multi-level Inverter
ITPW118	Variable-Inverter-Rectifier-Transformer: A Hybrid Electronic and Magnetic Structure Enabling Adjustable High Step-Down Conversion Ratios
ITPW119	A Variable Inductor Based LCL Filter for Large-Scale Microgrid Application

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW120	On the Concept of the Multi-Source Inverter for Hybrid Electric Vehicle Power trains
ITPW121	Dual-purpose Non-overlapping Coil Sets as Metal Object and Vehicle Position Detections for Wireless Stationary EV Chargers
ITPW122	Sub- and Super- Synchronous Interactions between STATCOMs and Weak AC/DC Transmissions with Series Compensation
ITPW123	Analysis of a high power, resonant DC-DC converter for DC wind turbines
ITPW124	High power, medium voltage, series resonant converter for DC wind turbines
ITPW125	Decentralized Control for Fully Modular Input-Series Output-Parallel (ISOP) Inverter System Based on Active Power Inverse-Droop Method
ITPW126	Computationally Efficient Self-Tuning Controller for DC-DC Switch Mode Power Converters Based on Partial Update Kalman Filter
ITPW127	An Improved Hybrid Modulation Method for the Single phase H6 Inverter with Reactive Power Compensation
ITPW128	Improved Modulation Strategy using Dual Phase Shift Modulation for Active Commutated Current-fed Dual Active Bridge
ITPW129	Small-Signal Model of the Two-Phase Interleaved Coupled-Inductor Boost Converter
ITPW130	High power, medium voltage, series resonant converter for DC wind turbines

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW131	Comment on  A ITPWformance Investigation of a Four-Switch Three-Phase Inverter-Fed IM Drives at Low SITPWeds Using Fuzzy Logic and PI Controllers
ITPW132	Analysis and Design of a Wide-Range Soft Switching High-Efficiency High-Frequency-Link Inverter With Dual-Phase-Shift Modulation
ITPW133	High-Efficiency Single-Stage LLC Resonant Converter for Wide-Input-Voltage Range
ITPW134	An Effective Voltage Controller for Quasi-Z-Source Inverter-Based STATCOM With Constant DC-Link Voltage
ITPW135	Small-Signal Models with Extended Frequency Range for DC-DC Converters with Large Modulation Ripple Amplitude
ITPW136	A Modular Designed Three-phase High-efficiency High-power-density EV Battery Charger Using Dual/Triple-Phase-Shift Control
ITPW137	Single-Phase Six-Switch Dual-Output Inverter Using Dual-Buck Structure
ITPW138	Adaptive LUT-based Variable On-time Control for CRM Boost PFC Converters
ITPW139	Parallel of two Unidirectional AC-DC-AC Three-Leg Converters to Improve Power Quality
ITPW140	Soft Switched Interleaved DC/DC Converter as front-end of Multi Inverter Structure for Micro Grid Applications
ITPW141	A 96.5% Efficiency Current Mode Hysteretic Buck Converter with 1.2% Error Auto-Selectable Frequency Locking

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com



ITPW142	An Automotive On-Board AC Heater without External Power Supplies for Lithium-Ion Batteries at Low Temperatures
ITPW143	Modified High-efficiency LLC Converters with Two Split Resonant Branches for Wide Input-Voltage Range Applications
ITPW144	A Novel Hybrid Modular Three-Level Shunt Active Power Filter
ITPW145	A Novel Seven-level ANPC Converter Topology and Its Commutating Strategies
ITPW146	Unique Modular Structure of Multi-Cell High-Boost Converters with Reduced Component Currents
ITPW147	Leakage Current Suppression of Three-Phase Flying Capacitor PV Inverter With New Carrier Modulation and Logic Function
ITPW148	A Grid-Connected Single-Phase Transformerless Inverter Controlling Two Solar PV Arrays Operating Under Different Atmospheric Conditions
ITPW149	Modified Single-Phase Single-Stage Grid Tied Flying Inductor Inverter With MPPT and Suppressed Leakage Current

LNVA TECHNOLOGIES : # 77, 9TH CROSS ROAD , NEELADRI NAGAR, ELECTRONIC CITY
PHASE 1, BANGALORE 560100.

Website: www.lnva.in . Contact – 9944394077 / 9080602289.

Mail id – lnvatechnologies@gmail.com