



**Caliber Interconnect Solutions<sup>®</sup>**

— design for perfection —

ISO 9001: 2008 Certified

**AT IESA VISION  
SUMMIT 2018**

# Caliber Interconnect Solutions Pvt Ltd, joins as Associate Partner in IESA Summit 2018 *Associate*

*The IESA Vision Summit is the global leadership conclave for the Electronics System Design & Manufacturing (ESDM) industry.*

*Caliber Interconnect Solutions displayed its capabilities in*

- *High speed Board Design*
- *Signal Integrity Analysis*
- *IC packaging*
- *Embedded Turnkey Product Engineering Solutions.*

# Product Engineering Capabilities and Solutions Showcased at IESA Summit 2018

## Embedded Design Service

### Integrated Product Engineering

- Design & Development**
  - Hardware
  - Firmware
  - FPGA
  - Software
- Board Design**
  - Schematics
  - SI analysis
  - Layout
  - Thermal analysis
- Product Integration**
  - Hardware & Software Integration
  - Functional verification
- Test & Delivery**
  - Compliance
  - Certification

- Microprocessors
- Microcontrollers
- DSPs
- FPGAs
- BSP
- Protocol stacks

## Turnkey Solutions

- Green Energy**
  - Intelligent Solar Power System
  - 3-Ph Transformer-less, 50W-100W
  - RF ballast for industrial lamps
  - 400 W / 200 W / 100W / 40 W
- IoT & Wearables**
  - Wearable Life Saving Device
  - Agriculture electronics
- Medical Devices**
  - Ultrasonic Range Meter (part of a CPR Medical Device)
- Computing & Communication**
  - PCIe Network Cards
  - Communication Gate ways
  - Ethernet-Fiber Switch
- Railways & Industrial**
  - BSPK Wireless Device
  - Railway Signaling Systems
  - HV Transformer Tester

## Intelligent Solar Inverter

### Technical Specifications

| Model          | 1-Ph (Off-grid)   | 3-Ph (Off-grid)   |
|----------------|---|---|
| Transformer    | 2000 VA, 1-Ph Transformer-less                              | 2000 VA, 3-Ph Star config Transformer-less                  |
| Input Voltage  | 120V AC   | 240V AC   |
| Output Voltage | 120V AC   | 240V AC   |
| Output Power   | 100W  | 100W  |
| Efficiency     | > 90%   | > 90%   |
| Frequency      | 50/60 Hz  | 50/60 Hz  |
| Protection     | Over-voltage, Over-current, Short-circuit, Reverse-polarity | Over-voltage, Over-current, Short-circuit, Reverse-polarity |
| Dimensions     | 100mm x 100mm x 100mm                                       | 100mm x 100mm x 100mm                                       |
| Weight         | 100g  | 100g  |

## IoT Solution for Indoor Farming

- Green House
- Rooftop
- Vertical Farming

Analyze Data

View & Manage

## Smart Farming

Light Sensor, Co2, Exhaust and cooling fans, Mistifier, Greenhouse Controller

# PHOTOS AT IESA Summit 2018 *Associate*



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