

**PRODUCT READY**

# RECKONER

**intelizon**

CREATING THE WORLD OF SMART ENERGY



**To make a better,  
greener & clean planet  
for future generations!**

# ABOUT US

- Intelizon started in 2007
- Founder-Dr Kushant Uppal (IITM / USC / Silicon Valey)
- IITM incubated
- Investors - Sukam; Venture capitalists
- Pioneer in Lithium ion battery based solar and hybrid systems
- Our Values - Innovation; Quality and Customer satisfaction
- Triple Impact - 2.7 million lives; 300000 trees and 25GHW of electricity savings
- More than 40000 solar streetlights deployments
- >2 lakh solar home systems/ appliances
- Presence across India and West Africa
- OEM partners - Nippo; Sukam and others
- Inhouse R&D & Quality
- Quality checks at every stage-incoming; in-process and outgoing
- 80+ partners and growing
- Only company globally to offer unlimited autonomy
- >7years field operating solar streetlights experience & return rate of <1yr
- First to bring hybrid DC LION based mini-inverters
- First to introduce CCTV streetlights
- On site service through partners
- >10years experience in Lithium ion batteries

ABOUT US

# ZONSTREET

- Zero electricity cost
- Zero cabling Cost
- Zero blackouts
- Inbuilt LION battery
- Samsung/ LG cells
- 97% efficient smart controller
- Unlimited autonomy
- >7 years field deployment
- 40000 lights in the field
- Presence all over India and West Africa
- Motion sensor to optimise power consumption
- Automatic - ON/ OFF (Dusk to Dawn) of Auto dimming
- Nichia high power LED >150lumen/ W
- Inbuilt heat sink for thermal management
- Separate solar panel for proper charging
- IP65 casing with PG9 gland
- Certified - UL/ NABL/ MNRE/ IK8/ LM80/ LM79/ IEC
- 2 year system warranty/ onsite service
- Life - 5 year battery/ 20year panel/ 15year LED
- Reflector and advanced lenses for best in class lux
- Wide range of models: 9W/ 12W/ 15W/ 18W/ 24W/ 30W/ 40W/ 50W
- Applications - Roadway, Walkway, Parking, Highway, Garden & Security



ZONSTREET

# ZONSTREET CCTV

- Advance version of Zonstreet
- Lighting + Surveillance System
- Inbuilt IP65 camera
- 3MP camera with night color vision
- 10 days of memory storage
- Free mobile/ desktop app
- 24x7 color vision
- 4G and wifi compatible
- Fisheye lens for wide viewing 360° angle
- Video analytics service - coming soon
- Sony processor
- Download video feed onto cloud/ own server
- IP65 Power supply for 4G hotspot with 7 day backup
- Low power consumption camera - 1.2W
- Voice activation - coming soon
- Wireless 2 in 1 - surveillance and light
- Models - Solar : 15W/ 30W/ 45W Grid : 20W/ 35W/ 50W
- Rest all features same as Zonstreet
- Applications - Roads Junction, Parking, Garden, Farms, Security & Surveillance



ZONSTREET CCTV

# ZONSTREET HYBRID

- 4 models - 35W/ 50W/ 70W/ 100W
- 3 hour backup
- zero blackouts
- Inbuilt lithium ion battery
- Samsung/ LG cells
- 97% efficient smart controller
- 10KVA surge protection
- 4KVA inbuilt surge protection
- wide operating range - 90 to 300V
- Presence all over India and West Africa
- PF>0.95
- Separate driver box for easier maintenance
- Auto dimming - 50% after 6 hours for reduced electricity bills
- Nichia high power LED>150lumen/W
- Inbuilt heat sink for thermal management
- IP65 casing with PG9 gland
- Certified - IK8/ LM80/ LM79
- 2 year system warranty/ onsite service
- Life - 5 year battery/ 15year LED
- Reflector and advanced lenses for best in class lux
- Applications - Roadway, Walkway, Parking, Garden & Security



ZONSTREET HYBRID

# ZONBULB

- Solar powered
- 5 to 8 hour backup
- 1, 2, 3 bulb models
- Inbuilt lithium ion battery
- 2 year warranty
- Mobile charging port available
- Grid charging optional
- High efficiency LED >130 lumen/W
- LM80 certified LED
- Portable & Plug-in Plug-out device
- Hook to hang bulb anywhere
- Metal box for better thermal management
- Operate bulbs 24x7 on panel/ grid once battery is full
- Zero electricity expense
- No maintenance battery
- Life - 5 year battery/ 20 year panel/ 15 year LED
- Safe and Child friendly
- 4 Models - ZB1-2W/ ZB2-4W(2W+2W)/ ZB3-7W(5W+2W)/ ZB3-15W(5W+5W+5W)
- Applications - Home, Shops, School, Camps, Emergency purpose



ZONBULB



# ZONPOWER

- Hybrid - Grid & Solar powered
- 5 to 8 hour backup
- 3 or 2 lights and 1 fan models
- Inbuilt lithium ion battery
- 2 year warranty
- 2 USB ports - Radio & Mobile Charging
- High efficiency LED >130lumen/W
- LM80 certified LED
- Portable & Plug-in Plug-out device
- Metal box for better thermal management
- Operate appliances 24x7 on panel/ grid once battery is full
- Save >50% on electricity with efficient DC appliances
- 4KVA surge protection on AC/ DC power supply
- Ideal for small spaces upto 200sqft
- No maintenance battery
- Life - 5 year battery/ 20year panel/ 15year LED
- Operate other 12V appliances-CCTV/ router/ payment machine
- Fast charging - 3 to 4 hours
- Safe and Child friendly system
- Customisation also available
- Applications - Home, Shop, Hostel, Farm house, School, Office & Godown



ZONPOWER

# SOLON

- Ultra-low power consumption
- Wide DC operating voltage range 11V-17V
- LVDC technology - No fear of electric shock
- Bulb models - 2W/ 3W/ 5W
- Tubelights - 5W 1ft/ 9W 2ft/ 18W 4ft
- Ceiling fan 25W with remote
- Pedestal/ table fan 15W - with oscillation
- Wall fan 6W - fixed
- Save >50% on electricity as compared to DC appliances
- LED DC Television - 15inch & 24inch display
- High efficiency LED >130lumen/W
- LM80 certified LED
- Hook to hang bulb anywhere
- Low conversion losses - No DC to AC conversion
- Long backup hours with low wattage & dimmable option
- Input reverse polarity, short circuit, transient voltage & thermal protection
- Applications- Home, Office, Shop, School, Factories



SOLON