



#### **ENDURANCE CHAMPION**

Blackcat products are built for unmatched reliability, long life, and resilience. Made with superior components, they deliver consistent performance year after year in tough conditions.

#### **OEMS TRUST BLACKCAT**

Blackcat products undergo rigorous quality checks and advanced testing to ensure unmatched reliability and performance.

That's why over 12 leading OEMs trust Blackcat.





# PIONEER IN AUTOMOTIVE ELECTRONIC ACCESSORIES. SINCE 1993



Mr. Ratan Tata engaging with Blackcat team, 1996



Mr. Jagdish Khattar with Blackcat car security system, 1997





# PROUD TO BE ASSOCIATED WITH 12+ OEM CUSTOMERS

#### **PASSENGER VEHICLE OEMS**









#### **COMMERCIAL VEHICLE OEMS**











#### **BUS/ TEMPO BODY-BUILDER**







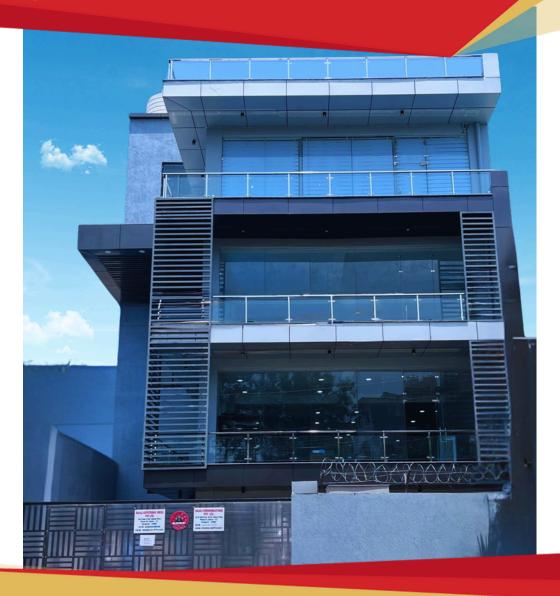




LOGOS ARE THE PROPERTY OF THE RESPECTIVE TRADEMARK OWNERS. THEY HAVE BEEN USED ONLY FOR REFERENCE.



# 30,000 SQFT 3 FACTORIES





# **ADVANCED MACHINERY**



Dust-free, ESD Safe SMT Area



Automatic Solder Paste Printing



Semi-automatic Crimping



2x SMT Pick & Place Machines



7 Zone Reflow Oven



Automatic Wire Cutting & Stripping



# STRINGENT TESTING



Automated PD-QC Testing (100% online)



100% Ageing/ Burning Test (online)



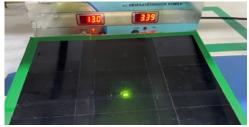
100% PCBA functional testing (online)



100% Automatic Cable Testing (online)



2000x Microscope Inspection

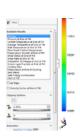


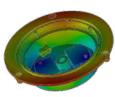
LED Electrical Load & Glow Test (100%)

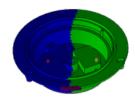


# CUTTING EDGE PRODUCT DEVELOPMENT

- 3D CAD Designing
- Mechanical Stress Simulation
- Electronic Circuit and PCB Designing
- Rapid Prototyping
- DFM, DFA
- FMEA
- Embedded systems



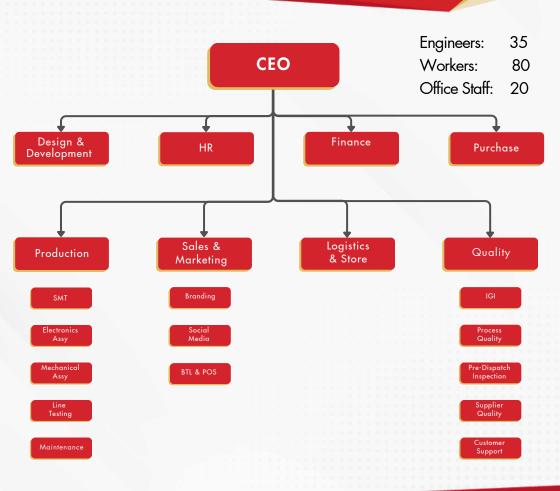








# QUALIFIED STAFF PROFESSIONAL MGMT





# STRINGENT QUALITY TESTING



- Production Facility
- Financial Stability
- ✓ QualitySystemCertification
- Manpower
- Product Certification

- Supplier
- ✓ Joint problem solving
- Supplierupgradation
- ☑ Quality check-lists

- ✓ FIFO implementa tion at IQC stage itself
- ✓ Productwise checklists
- 100% inprocess testing for PCBs
- ✓ Increasing degree of automation
- 4-hours fullload burn-in test

- 100% EOLT for all products
- ✓ Increasing degree of automation
- ☑ Productwise checklists



# OEM STANDARDS TESTING FOR RIGOROUS INDIAN ENVIRONMENT

#### Products undergo 32 quality tests across 8 categories











Short circuit, reverse polarity



High, low voltage test



Dust spray test



Electromagnetic interference test



# QUALITY CERTIFIED PRODUCTS – BIS, ICAT, CE, ROHS

#### **BIS** approved















# AWARDS & ACCREDITATIONS













# AWARDS & ACCREDITATIONS











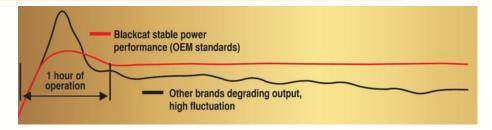


# LED BULBS



### LED HEADLAMP/ FOGLAMP BULBS

#### **Performance as Committed!**



### **Aviation grade Aluminum Alloy**

**OEM** standard testing



**OEM standard focused beam** 

2 years replacement warranty









#### **Technical Specs**

> Reliability tests: As per OEM standard

▶ IP67 waterproof

Colour: 6500K Ultra-white

> Operating voltage: 12V, 24V

▶ Brightness: 15,000 Lumen

#### Available in:

H1 (LED096) H27 (LED095)

H4 (LED092) 9005 (LED093)

H8 (LED097) 9012 (LED019)

H7/H18

(LED094)







#### **Technical Specs**

> Reliability tests: As per OEM standard

> IP67 waterproof

Colour: 6500K Ultra-white

> Operating voltage: 12V, 24V

▶ Brightness: 16,000 Lumen

#### Available in:

H1 (LED043) H18 (LED047)

H4 (LED040) 9005 (LED044)

H7 (LED041) 9012 (LED045)

H8 (LED042)





#### **Technical Specs**

> Reliability tests: As per OEM standard

> IP67 waterproof

Colour: 6500K Ultra-white

> Operating voltage: 12V, 24V

➤ Brightness: 18,000 Lumen

#### Available in:

H1 (LED031) H19 (LED030)

H4 (LED029) H27 (LED034)

H7 (LED032) 9005 (LED035)

H8 (LED033) 9012 (LED036)

H18 (LED046)







#### **Technical Specs**

> Reliability tests: As per OEM standard

> IP67 waterproof

Colour: 6500K Ultra-white

> Operating voltage: 12V, 24V

▶ Brightness: 19,000 Lumen

#### Available in:

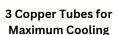
H1 (LED074) H18 (LED077) H4 (LED075) H19 (LED075) H7 (LED077) 9005 (LED076)

H8 (LED088) 9012 (LED078)









#### **Technical Specs**

Reliability tests: As per OEM standard

> IP67 waterproof

Colour: 6500K Ultra-white

> Operating voltage: 12V, 24V

▶ Brightness: 20,000 Lumen

#### Available in:

H1 (LED025) H19 (LED026)

H4 (LED022) 9005 (LED027)

H7 (LED023) 9012 (LED028)

H8 (LED024)





#### **Technical Specs**

- > Reliability tests: As per OEM standard
- > IP67 waterproof
- Colour: 6500K Ultra-white
- > Operating voltage: 12V, 24V
- > Brightness: 22,500 Lumen

#### Available in:

H1 (LED079)	H18 (LED082)
H4 (LED080)	H19 (LED087)
H7 (LED082)	9005 (LED081)
H8 (LED086)	9012 (LED083)



# MOBILE CHARGERS





Over-Current Protection



Over-Voltage Protection



Over-Temperature Protection



Over-Load Protection



Short-Circuit Protection



Over-Charge Protection



# HYPERMAXX 130 (CHG062)



#### Why select HyperMaxx 130?

- The most powerful charger can charge even a laptop!
- ▶ Up to 100W (port C1) + 30W (port C2) or 15W + 15W on port C2, USB-A
- > 2 x C-type ports, 1x USB-A port
- > Cutting-edge tech with USB-C Power Delivery and Qualcomm.
- > Operating voltage: 12V, 24V.



# **ZAPMAXX 48 (CHG065)**















#### Why select ZapMaxx 48?

- > Cutting-edge tech with USB-C Power Delivery and Qualcomm.
- ▶ USB-C: Up to 11Vx3A; USB-A: 12Vx1.5A; 9Vx2A; USB-C + USB-A: Up to 48W
- > Ambient LED backlight
- > Advanced protection against overheat, short-circuit, low voltage
- > Operating voltage: 12V, 24V



# **ZAPCHARGE 30 (CHG067)**



Single Device

30W













#### Why select ZapCharge 30?

- > Cutting-edge tech with USB-C Power Delivery and Qualcomm.
- ▶ USB-C: Up to 11Vx3A; USB-A: Up to 12Vx1.5A; 9Vx2A; USB-C + USB-A: 30W
- Ambient LED backlight
- Advanced protection against overheat, short-circuit, low voltage
- Operating voltage: 12V, 24V



# **TURBO PRO 38 (CHG071)**













#### Why select Turbo Pro 38?

- Approved by major OEMs
- > Sleek, elegant design with premium-looking backlit LED illumination.
- ▶ USB-C: Up to 11Vx2A; USB-A: Up to 12Vx1.5A; 9Vx2A; USB-C + USB-A: 38W
- ▶ Cutting-edge tech with USB-C Power Delivery and Qualcomm.
- > Operating voltage: 12V, 24V.



# **JIFFY 30W (CHG052)**















#### Why select Jiffy 30W charger?

- Approved by major OEMs
- > Market leading product
- ▶ USB-C: Up to 5Vx3A; USB-A: Up to 5Vx3A; USB-C + USB-A: 30W
- > Operating voltage: 12V, 24V

\*Jiffy 30W with 3-in-1 cable: CHG055



# **TURBOCV-O 48 (CHG069)**

48W

















#### Why select TurboCV-O 48W charger?

- Concealed design, replaces standard cigarette lighter socket in the vehicle
- Market-leading product for commercial vehicles/ armrest
- ▶ USB-C: Up to 11Vx3A; USB-A: 12Vx1.5A; 9Vx2A; USB-C + USB-A: Up to 48W
- > Cutting-edge tech with USB-C Power Delivery and Qualcomm
- Operating voltage: 12V, 24V
- Customised wiring harness available (if needed)



# **TURBOCV-F 48 (CHG070)**

48W

















### Why select TurboCV-F 48W charger?

- Flat design enables easy installation in tight slots as well
- Market-leading product for commercial vehicles/ armrest
- ▶ USB-C: Up to 11Vx3A; USB-A: 12Vx1.5A; 9Vx2A; USB-C + USB-A: Up to 48W
- > Cutting-edge tech with USB-C Power Delivery and Qualcomm
- Operating voltage: 12V, 24V
- Customised wiring harness available (if needed)



# **CV PD-QC CHARGER (CHG058)**

38W















#### Why select CV PD-QC fast charger?

- Flat design enables easy installation where hole/space availability is an issue
- Market-leading product for commercial vehicles/armrest
- ▶ USB-C: Up to 11Vx2A; USB-A: Up to 12Vx1.5A; 9Vx2A; USB-C + USB-A: 38W
- > Cutting-edge tech with USB-C Power Delivery and Qualcomm
- Operating voltage: 12V, 24V
- Customised wiring harness available (if needed)



# CV CHARGER FLAT (SBA114)











#### Why select Blackcat CV Charger Flat?

- Flat design enables easy installation in tight slots as well
- Sleek, elegant design with premium-looking backlit blue LED
- Market-leading product for commercial vehicles
- Dual USB port
- ➤ Operating current: up to 3.1A
- Operating voltage: 12V, 24V
- ICAT homologation approved



# **CV CHARGER (CHG001)**











#### Why select Blackcat CV Charger?

- Suitable for arm-rests fitment in SUVs
- Market-leading product for commercial vehicles and SUVs
- Concealed design, replaces standard cigarette lighter socket in the vehicle
- Operating current: up to 3.1A
- Operating voltage: 12V, 24V
- ICAT homologation approved



# 4-IN-1 PD CABLE (CHG057)















#### Why select Blackcat 4-in-1 PD Cable?

- Fastest charging cable with up to 60W capacity it can even charge a laptop!
- ▶ High quality premium alloy connectors for USB-C, lightning port, USB-A for high speed charging, long life operation.
- > 3 operation modes: C to C, C to lightning, USB-A to lightning
- Nylon braided, tangle free, rugged and laboratory tested for extreme bend tests



# C-C CHARGING CABLE (CHG074)

















#### Why select Blackcat C-C charging Cable?

- High quality premium alloy connectors for high speed charging, long life operation.
- This cable is made of High-quality Silicon material and 100% pure copper which makes it resistant to fraying and wear-related damage, more flexible and durable
- Cable is Tangle Free, Rugged, Quick charging, universally compatible, Flexible and of High Quality



## **ZAPFOLD 3-IN-1 CABLE (CHG073)**



#### Why select Blackcat ZapFold 3-in-1 Cable?

- This universal cable can simultaneously charge Type C, iOS and micro-USB port devices.
- > This universal cable is made of high-quality PVC material, making it resistant to fraying and wear-related damage, more flexible and durable.
- The 3-in-1 charging cable is retractable, tangle-free, rugged, quick charging, universally compatible, flexible, and of high quality.
- Self-retracting mechanism makes it easy to manage



### 3-IN-1 CABLE (SBA073)















### Why select Blackcat 3-in-1 Braided/ TPE Cable?

- This universal cable can simultaneously charge Android, iOS, and Type C devices.
- This universal cable is made of high-quality TPE/ PVC material, making it resistant to fraying and wear-related damage, more flexible and durable.
- ➤ The 3-in-1 charging cable is tangle-free, rugged, quick charging, universally compatible, flexible, and of high quality.
- It has a sleek, highly durable, premium metal housing with a nylon braided cable.



## ANDROID INFOTAINMENT



### PRO1000 LICENSED - AND009













BLUETOOTH 5.1



SPEAKER OUTPUT: 4\*50 WATT



RUGGED TESTING: -20°C TO +70°C



48 EQ SEGMENT DSP







- ☑ INSTANT TOUCH RESPONSE
- **I** QUICK APP SWITCH
- **☑** STABLE OPERATION









Front & Rear DVR Compatible



### TS10 - AND007



- Processor: TS10 Octacore 7862 1.8GHz
- RAM: 4GB; Memory: 64GB









BLUETOOTH 5.1



SPEAKER OUTPUT: 4\*50 WATT



RUGGED TESTING: -20°C TO +70°C



48 EQ SEGMENT DSP



### **Turbo Performance**

- ☑ INSTANT TOUCH RESPONSE
- **☑** QUICK APP SWITCH
- MORE FUN WITH TECH











### T5 PRO



















### **Key Specs**

- T6 Cortex A53 4+4 Core 1.5GHz
- RAM: 2GB/ 4GB; Memory: 32GB/ 64GB
- Screen size: 9"/ 10.1"

### Ordering info:

AND010: 9" T5-Pro 2x32 AND011: 9" T5-Pro 4x64 AND014: 10" T5-Pro 2x32



Q-LED SCREEN



BLUETOOTH 5.1



SPEAKER OUTPUT: 4\*45 WATT



RUGGED TESTING: -20°C TO +70°C



32 EQ SEGMENT DSP



### T5-100











### **Key Specs**

- T100 Cortex A53 4+4 Core 1.5GHz
- RAM: 2GB; Memory: 32GB
- Screen size: 9"/ 10.1"

Ordering info:

AND012: 9" T5-100 2x32 AND013: 10" T5-100 2x32



Q-LED SCREEN



BLUETOOTH 5.1



SPEAKER OUTPUT: 4\*45 WATT



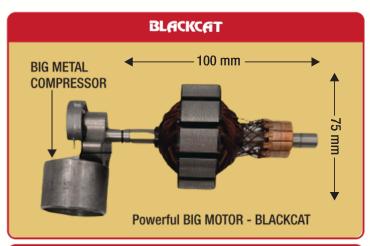
RUGGED TESTING: -20°C TO +70°C



## TYRE INFLATORS



## Why are Blackcat tyre inflators faster? Because they are built **better**!







### **ALPHA WIRELESS INFLATOR (INF013)**













Emergency Power bank 6000 mAH







5 modes



Accurate pressure measurement



Metal Shell



SOS warning lamp /Lighting



In-built memory (tyre pressure)



### HERCULES<sup>2</sup> (INFOO9)

















### Why select Hercules<sup>2</sup>?

- Powerful 150W twin-cylinder inflator: fills up SUV/Sedan R15 tyre in under 2 minutes
- > Twin cylinder design filles air in half the time
- > Rubber pads for low-noise operation
- Threaded Spring Valve for faster & leak-proof inflaction
- > Superior build quality that inflates 4 tyres without over-heating
- Operating voltage: 12V DC
- ▶ 1 Year Warranty with Lifelong customer support.



### **HERCULES X (INFO11)**















### Why select Hercules-X?

- > 150W, 150 psi powerful inflator; Operating voltage: 12V DC
- > Threaded Spring Valve for faster & leak-proof inflation
- > 10ft (3.3m) long wire
- Bright LED torch-light
- > Superior build quality ensures continuous inflation of all 4 tyres, without risk of overheating/motor failure
- ▶ 1 Year Warranty with Lifelong customer support.



### **HERCULES SMART DIGI (INFO16)**













### Why select Hercules Smart Digi?

- Digital gauge with auto cut-off; 100W operating power; up to 100 psi pressure
- > Threaded Spring Valve for faster & leak-proof inflation
- ▶ 10ft (3.3m) long wire; Operating voltage: 12V DC
- > Bright LED torch-light
- Superior build quality ensures continuous inflation of all 4 tyres, without risk of overheating/motor failure
- ▶ 1 Year Warranty with Lifelong customer support.



### **HERCULES SMART (INFO10)**















### Why select Hercules Smart?

- Compact and lightweight; 100W operating power; up to 100 psi pressure
- > Threaded Spring Valve for faster & leak-proof inflation
- ▶ 10ft (3.3m) long wire; Operating voltage: 12V DC
- > Bright LED torch-light
- Superior build quality ensures continuous inflation of all 4 tyres, without risk of overheating/motor failure
- > 1 Year Warranty with Lifelong customer support.



### **HERCULES (INFOO4)**













### Why select Hercules?

- Rubber pads for low noise operation
- Threaded Spring Valve for faster & leak-proof inflation
- Superior build quality that inflates 4 tyres without over-heating
- Sturdy Metal Body
- ▶ 1 Year Warranty with Lifelong customer support.
- > 150 psi, 150W, 12V DC operating voltage



## VACUUM CLEANERS



## ALPHA WIRELESS VACUUM CLEANER (INFO14)









3 Speed Modes





Pure copper winding motor and aluminum fan for maximum heat dissipation and long continuous operation



Metal fan: maximum cooling, long continuous operation

### **SPECIFICATIONS**

Voltage	12V DC
Suction Power	8 000PA
Rated Power	85W



### **VACUUM CLEANER HD (INF012)**









### Why select Vacuum Cleaner HD?

- ➤ Wet & Dry is powerful vacuum cleaner for Cars & SUVs. 5,500Pa suction power. Cyclonic action keeps the filter clean and suction power constant.
- Designed for India: Ideal for dust, cigarette ash, spilled food & drink
- > 5 attachments give you the flexibility to clean all corners and all types of spillage
- A powerful motor with Copper winding ensures high suction power with the the promise of long life
- 1-year warranty against manufacturing defects.



# CENTRAL LOCKING SYSTEMS



### **CENTRAL LOCKING SYSTEM NSA**



### Why select Blackcat Central Locking Systems?

- ➤ High decibel alarm 110dB
- NSA 4D: suitable for all cars
- NSA 1D: suitable for cars where driver door lock controls locking/unlocking of other door locks
- OEM-style remote designs
- 3 years warranty, lifelong support





## REVERSE CAMERA

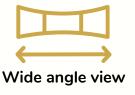


## AHD STRAWHAT CAMERA (RC02/RC03)















- (V) IP68 protection for dust and water
- √ 170° (RC03)/120° (RC02) viewing angle
- ✓ Night-vision with photosensitive chip



### **AHD BUMPER CAMERA (RC01)**













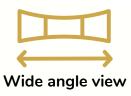


- Seamless mounting with bumper
- **⊘** 170°/120° viewing angle



### LED CAM F (RCO4)









- Seamless mounting with bumper
- **⊘** 120° viewing angle



### **BUS CAMERA (RCS035)**







CAMERA TECH SPECS	
Camera type	AHD
Camera resolution	640x480
Camera night vision supported (Y/N)	Y
Camera waterproofing	IP68





## **MONITORS**



### **FLIP-DOWN MONITOR**











Rugged testing -20°C to +70°C

TECHNICAL SPECIFICATION		
Operating Voltage	12V DC/ 24V DC	
Current	2.0 ± 0.1A	
Video Formats	PAL/NTSC	
Aspect Ratio	16:9	
Resolution	1366X768 RGB	



**BIS** approved



R-81016713

Variant Beige 19" Black 19" Part No. SBA085 SBA083



## **CAR-FRIDGE**



### AT-18 (FRG010)













### Why select AT-18

- Smart engineering and efficient manufacturing ensure affordable pricing.
- Serves dual purpose of cooling as well as heating food and beverages
- Can cool up to 30°C below car's cabin temperature (up to 0°C) and heats up to +65°C
- Can fit bottles of 750ml or 6 cans of 500ml.
- Connect the fridge to vehicle's cigarette lighter socket (12V or 24V DC) or our domestic plug point (230V AC), set the mode to Cooling or heating. No installation needed.
- The fridge consumes even lesser power than headlight lamps. Additionally, it comes with an intelligent battery protection mechanism which ensures safety from over-draining your vehicle battery.
- Ideal for Cars/SUVs



### **CB-18 (FRG017)**















### Why select CB-18?

- Smart engineering and efficient manufacturing ensure affordable pricing
- ▶ Can deep freeze up to -18°C
- Connect the fridge to vehicle's cigarette lighter socket (12V or 24V DC) or your domestic plug point (230V AC)
- Consumes power lesser than a headlight lamp
- ▶ Genuine accessory approved by European OEM car manufacturer

Suitable for cars, camping, cold chain delivery of meat, ice cream, dairy products, storing and transporting medical kits, bio samples, blood bags, plasma samples, vaccines etc.



### MCG-15 (FRG005)









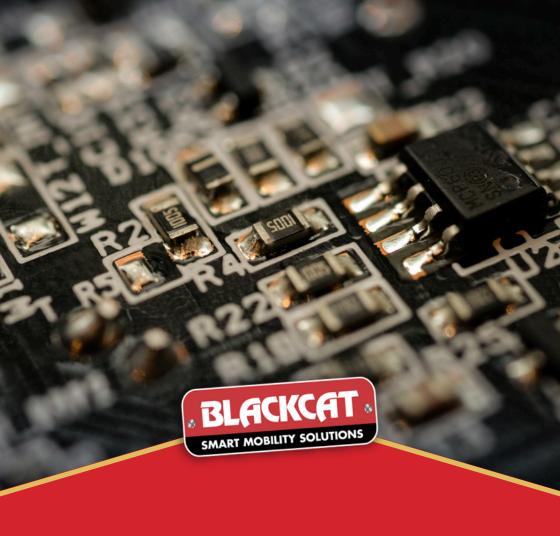






### Why select MCG15?

- Smart engineering and efficient manufacturing ensure affordable pricing
- > Can deep freeze up to -18°C regardless of the outside temperature
- ▶ Connect the fridge to vehicle's cigarette lighter socket (12V or 24V DC)
- Consumes power lesser than a headlight lamp
- Genuine accessory approved by European OEM car manufacturer



# OEM EXCLUSIVE PRODUCTS & SUB-ASSEMBLIES



### **MAGNETIC/ CLIP SUNSHADES**













Protection from harmful UV rays



Strong neodymium magnets



Rust-proof spring-steel construction



Improve AC cooling (up to 5°C)



Compliant with regulatory standards for visibility



Car-specific models for optimal performance



### LED SUB-ASSEMBLIES





Sedan tail-light



Scooter tail-light



13" Bar-light



Motorcycle tail-light



SUV tail-light



Work lamp



Motorcycle headlight DRL



Motorcycle headlight DRL



Motorcycle headlight DRL



Luminous flux test



Electrical stress tests



Endurance tests



Environmental tests



### **REVERSE SIREN/ BUZZER**





- 110dB
- 12V/ 24V DC
- IP67 (1 metre under water)
- 100% line fitment in earth mover, construction equipment, mining trucks
- Magnet based sound source



- 90dB
- 12V/ 24V DC
- IP67 (1 metre under water)
- 100% line fitment in trucks
- Piezo based sound source

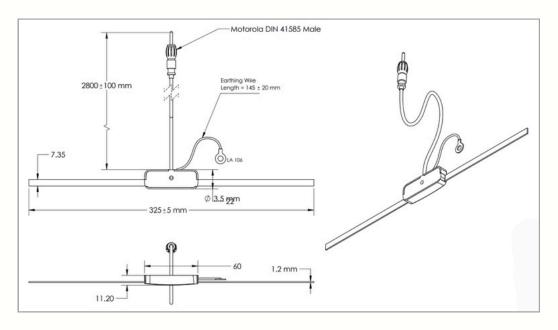


- RPAS reverse warning beep
- 50dB
- 12V/ 24V DC
- In-cabin installation
- Piezo based sound source



### **ELECTRONIC ANTENNA**







- · Windshield glass mounting
- Radio FM 87.5 108.0 MHz
- Adhesive tape mounting
- Suitable for truck, bus, MUVs, minibus



### **NOTES**

••••••	••••••	•••••••••••••••••••••••••••••••••••••••
•••••	 •••••	
•	•	



### **NOTES**

••••••	••••••	•••••••••••••••••••••••••••••••••••••••
•••••	 •••••	
•	•	





**Bajaj Communications Pvt Ltd** Bajaj Autotronix India Pvt Ltd



0124-3623162



info@blackcat.in



www.blackcat.in



D-64, Udyog Vihar Ph-6, Sector-37, Gurgaon-122001



9899-0555-88



/BlackcatIND



