



ASHOK LEYLAND

Aapki Jeet. Hamari Jeet.

# sunshine

safe journeys. happy memories.



HINDUJA GROUP



Sunshine is proven to improve our moods and make us feel more energetic; as the sun helps our bodies produce endorphins and serotonin which makes us feel good and happy. Happiness is an essential part of a child's life and the desire to spread this happiness in the lives of all children fuelled us in our journey of building the next generation school bus.

Sunshine, however, is more than just a school bus. It is a journey of wonderful memories, with enough space for children to laugh, dream, and have fun.

## ASHOK LEYLAND i-GEN6 ADVANTAGE

Over the years, Ashok Leyland strove to deliver performance beyond excellence with inline or 'Sada' pump for BS-III and iEGR technology for BS-IV. Now with BS-VI, taking the proven iEGR technology up a notch, we are introducing the i-Gen6 engine technology which enhances the engine performance and durability further. With lower Diesel Exhaust Fluid (DEF) consumption and compact design, i-Gen6 lowers the cost of operation and maintenance. The unique Mid-NOx strategy ensures overall lower cost of ownership as compared to competition.

### Step into Sunshine, step into happiness



#### Lowest fixed step entry

- Independent steps for freethinking your minds



#### Large worldview window

- Best-in-class visibility
- Best-in-class ventilation
- Window guard rails for additional safety



#### Happy seats

- Child-centric design • Fun graphics\*\*
- Tooth guard behind seats
- Seat grab handles • Under seat storage
- Bottle holders • Arm rests\* • Seat belts\*



#### Smooth ride

- Parabolic suspension

### A Sunshine, for **safety** A Sunshine, by parents

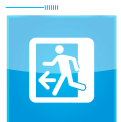


#### Rollover compliant design

- Stable and rock-solid
- Stronger body structure



Electronic speed limiter†



Emergency exits



Anti-skid flooring



Fire detection and suppression system



Door open alarm



#### Anti-bacterial interiors\*\*

- Kills 99.99% bacteria
- Intertek certified



Fire extinguisher in 3 locations



First aid box



Hatrack



Roof grab rail

\* In line with regulations

\*\* Only for Sunshine VX

† Electronically controlled pre-set speed limit, as per state regulations

## Stress-free

Sunshine drives for happier lives



### Best-in-class driveability

- Power steering
- Cable shift



### Best-in-class visibility of child

- Large peep windows
- Reduced blind spot distance



### Frontal crash protection\*\*

- Protects the driver and co-driver in case of frontal collision



### Best-in-class maneuverability

- Best-in-class turning radius
- Lower bus height

## Unmatched value

Maximum Sunshine for priceless happiness

### Superior product design



**Metal front bumper**



**Anti-drain battery system**

### Lower operating costs



**Mileage<sup>†</sup>**



### Free-flowing fuel system

- No airlock • No rust



**Superior reliability, highly durable aggregates**



**Reduced maintenance costs**



**AIS 052** Bus code



**AIS 063** School bus code



**AIS 031** Rollover compliance



**AIS 029\*\*** Frontal crash protection

## Upgraded to the i-Gen6 technology



**Engine horsepower**  
(100 HP to 150 HP)



**Clutch**  
(280 mm diameter to 330 mm diameter)



**Battery capacity increment**  
(75Ah to 110 Ah)



**Higher performance propeller shaft**



**Higher performance rear axle**



**Alternator capacity increment**  
(85A to 90A)

## Features list

Features	VX	LX
Passenger seat cover	Multi color	Dual color
Anti bacterial protection for seats, arm rest and stanchions	✓	✗
Bull bar	✓	✗
i-Alert	✓	✓
Number of window guard rails	4 nos.	4 Nos. (TN/MH) and 2 Nos. (Std)
Rear openable emergency door	TN/MH	Only for TN/MH
Driver partition	TN/MH	Only for TN/MH
Seating layout	3x2 only	3x2 and 2x2
Exterior paint scheme	Dual tone	Mono tone



Specially made body structure with high yield strength material for structural rigidity, light weight and life enhancement



Semi-integral body with chassis (outrigger construction for floor) for better floor strength and life enhancement



## TECHNICAL SPECIFICATIONS

### CHASSIS SPECIFICATIONS

<b>Engine Model</b>	H series, 4 cylinder CRS diesel engine
<b>Emission</b>	BS-VI with iEGR and SCR (Mid-NOx technology)
<b>Maximum power</b>	110KW @ 2400 rpm
<b>Maximum torque</b>	450 Nm @1250-2000 rpm
<b>Clutch</b>	330 mm diameter diaphragm type with air assisted hydraulic actuation
<b>Gearbox</b>	5 speed synchromesh
<b>Front axle</b>	Forged 'I' section Reverse Elliot type
<b>Rear axle</b>	Hypoid fully floating single speed
<b>Suspension</b>	Parabolic
<b>Fuel tank</b>	110 litres
<b>Steering</b>	Hydraulic assisted power steering
<b>Braking system</b>	Full air drum brakes with ABS
<b>Tyres</b>	7.50 x 16 - 16PR
<b>Electrical system</b>	12V - 110Ah battery and 90A alternator

### BODY SPECIFICATIONS

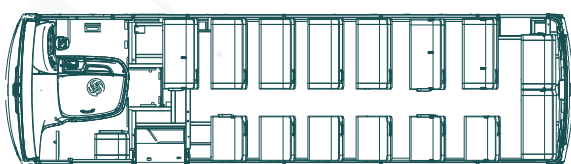
<b>Structure</b>	Rollover compliant, frontal crash protection**
<b>Windows</b>	Top fixed and bottom sliding
<b>Doors</b>	Wheelbase door ROH door (optional)
<b>Safety features</b>	Emergency door and exits as per norms, three fire extinguisher (10 kg), one first aid box, fire detection and suppression system and one proximity mirror
<b>Electricals</b>	Exterior: head lamp, tail lamps (LED) Interior: LED saloon lamps, panoramic wipers
<b>Other</b>	Hatrack   Grab rail Spare wheel carrier   Sun visor
<b>Compliance</b>	School bus and bus body codes

### VEHICLE DIMENSIONS

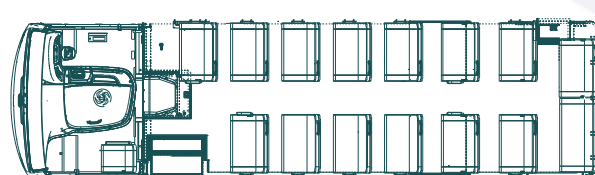
<b>Wheelbase</b>	5200 mm   4560 mm
<b>Overall width</b>	2200 mm
<b>Overall height</b>	2700 mm
<b>Overall length</b>	9415 mm   8135 mm
<b>Floor height</b>	765 mm (entry + two steps)
<b>GVW</b>	8500 kg

## SCHOOL BUS SEATING LAYOUTS

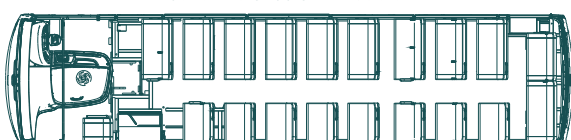
Sunshine 4560 3x2 - 39S std



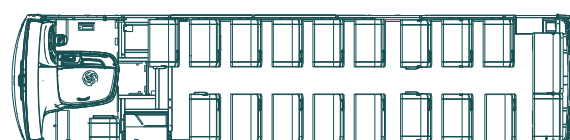
Sunshine 4560 2x2 - 32s std



Sunshine 5200 3x2 - 49s std



Sunshine 5200 2x2 - 39s std



Specifications are subject to change due to continuous improvements and are for reference only.



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## ASHOK LEYLAND SERVICE OFFERINGS

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Right-fit for Ashok Leyland vehicles

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AMC

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AUTHORISED DEALER:

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