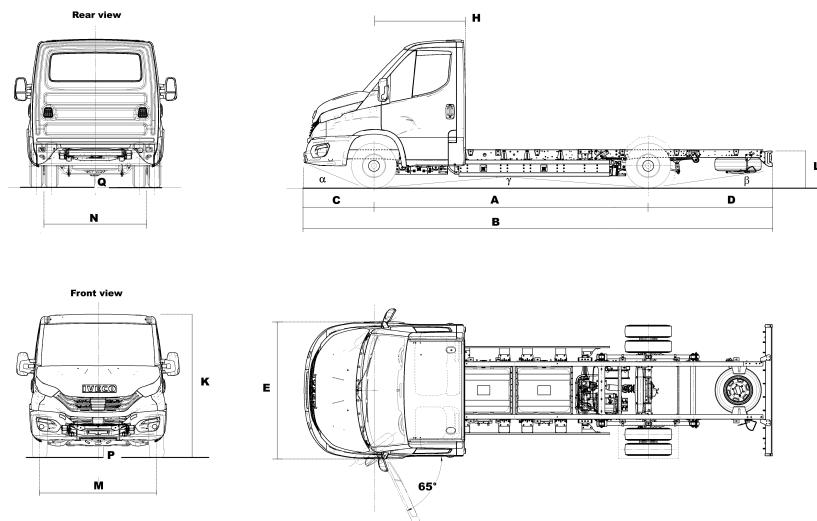




TECHNICAL DESCRIPTION
eDAILY 72C14E

DIMENSIONS & WEIGHTS



DIMENSIONS (mm)

Wheelbase (A)	3450	3750	4100	4350	4750
Overall length (over rear underrun protection) (B)	5989	6599	6999	7419	8284
Max width over wings (cab) (E)	2052	2052	2052	2052	2052
Front axle to front of body (H)	1355	1355	1355	1355	1355
Frame height at end of frame unladen (L) with Quad-Tor	859	868	864	869	878
Frame height at front axle, unladen (Quad-Tor)	457	455	454	452	451
Frame height at rear axle, unladen (Quad-Tor)	613	614	614	614	614
Front overhang (C)	1048	1048	1048	1048	1048
Rear overhang (D)	1491	1801	1851	2021	2486
Minimum ground clearance (front) (P) (Quad-Tor)	199	199	199	199	199
Minimum ground clearance (rear) (Q) (Quad-Tor)	158	158	158	158	158
Overall height to top of cab unladen (K) with Quad-Tor	2291	2285	2280	2276	2271
Turning diameter kerb to kerb (Quad-Tor)	12350	13048	14108	14866	16078
Turning diameter wall to wall (Quad-Tor)	12994	13694	14758	15518	16734
Front track (M) (Quad-Tor)	1725	1725	1725	1725	1725
Rear track (N) (Quad-Tor)	1660	1660	1660	1660	1660
Approach angle α ($^{\circ}$) (Quad-Tor)	18	18	18	18	18
Departure angle β ($^{\circ}$) (Quad-Tor)	14	11	11	10	8
Ramp angle γ ($^{\circ}$) (Quad-Tor)	17	17	15	14	13
Side members thickness	5	5	5	5	5
Side members max height	184	184	184	184	184
Side members flange width	69	69	69	69	69
Frame width at rear	864	864	864	864	864

Note:

Please be aware that only for 60C / 72C models: "Frame height at front axle, unladen" and "Frame height at rear axle, unladen" are to be considered at the **lower surface of the frame**.

WEIGHTS (KG)

Wheelbase	3450	3750	4100	4350	4750
Total vehicle kerbweight (Torsion bars)	2709	2721	2735	2756	2781
Kerbweight on Front Axle (Torsion bars)	1609	1627	1642	1675	1688
Kerbweight on Rear Axle (Torsion bars)	1100	1094	1093	1081	1093
G.V.W. (EC)	7200	7200	7200	7200	7200
Plated weight on front axle (EC) (Torsion bars)	2500	2500	2500	2500	2500
Plated weight on rear axle(s) (EC)	5350	5350	5350	5350	5350
Trailer weight (inertia brake)	3500	3500	3500	3500	3500
Max body & Payload (EC) (Torsion bars)	4491	4479	4465	4444	4419

Note:

The "Total vehicle kerbweight" considers the minimum kerbweight with minimum optionals and it represents the Mass in Running order as defined by 1230/2012 M&D regulation.

Wheelbase	Type	Drawing
3450	Left hand drive	5803157260
3750	Left hand drive	5803157261
4100	Left hand drive	5803157262
4350	Left hand drive	5803157263
4750	Left hand drive	5803157265

DIMENSIONS FOR ADDITIONAL BATTERY (MM)

Wheelbase (A)	3450	3750	4100	4350	4750
Overall height to top of cab unladen (K) with Quad-Tor			2273	2268	2263
Frame height at front axle, unladen (Quad-Tor)			447	445	443
Frame height at rear axle, unladen (Quad-Tor)			606	607	607
Approach angle α ($^{\circ}$) (Quad-Tor)			18	18	18
Departure angle β ($^{\circ}$) (Quad-Tor)			11	10	8
Ramp angle γ ($^{\circ}$) (Quad-Tor)			14	14	13

Note:

Please be aware that only for 60C / 72C models: "Frame height at front axle, unladen" and "Frame height at rear axle, unladen" are to be considered at the lower surface of the frame.

WEIGHTS FOR ADDITIONAL BATTERIES (KG)

Wheelbase	3450	3750	4100	4350	4750
Total vehicle kerb weight			3020	3037	3062
Kerbweight on Front Axle			1750	1791	1818
Kerbweight on Rear Axle			1270	1245	1244
Max Body & Payload			4180	4163	4138

MODEL COMPONENTS

DRIVE MODES

The E-Daily has driving and regenerative modes selections to offer different levels of performances and consumptions optimizing the driving style of each driver.

Through Drive mode selector it is possible to set the vehicle performances to:

- **ECO**, with priority to energy and range saving.
- **POWER**, to take advantage of the available high power.
- **NATURAL**, a balance on performance and saving for professional missions.

REGENERATIVE MODES

Through the Regenerative mode selector it is possible to set:

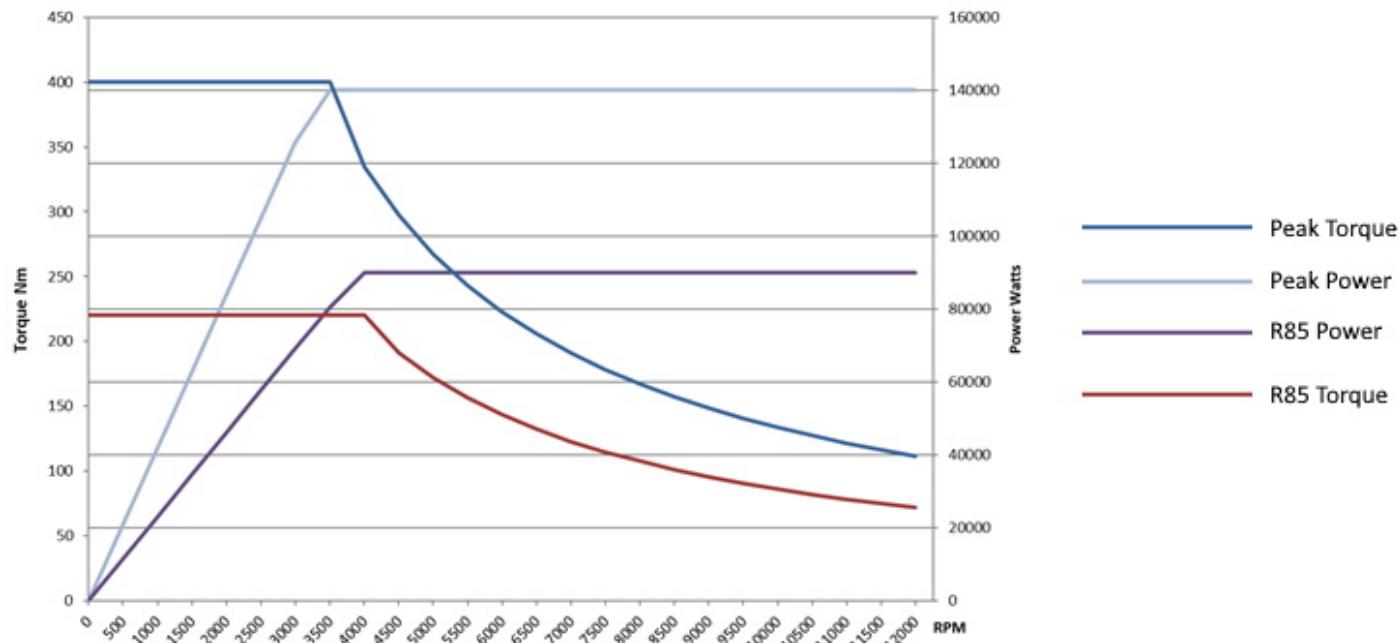
- **One pedal drive**, with max regeneration at the release of accelerator pedal it becomes almost possible to drive the vehicle with the accelerator;
- **Sailing**, with no braking effect at the release of the accelerator pedal;
- **Standard** regenerative, a balance for professional missions.



MOTOR

Identification Code	Actia 550002E
Name & Type	AP MOTOR I40 kW 400 Nm
Position	Integrated in the rear part of the chassis
Peak Power 2 Min [kW]	140 kW
Peak Torque 2 Min [Nm]	400 Nm
Nominal Power R85 [kW]	90 kW
Nominal Torque R85 [Nm]	220 Nm
Max speed [rpm]	12000 rpm
Tipo Motore	Synchronous motor with permanent magnets
Efficiency engine and driveline	92%
Cooling system	Liquid cooled

MODEL COMPONENTS



TRACTION BATTERIES

Standard number of batteries	2
Option n. of batteries	3 (OPTION 78285)
Energy installed [kWh]	74 kWh 2 batteries // 111 kWh 3 batteries
Energy usable [kWh]	70 kWh 2 batteries // 105 kWh 3 batteries
Autonomy [km WLTP]	120 km with 2 batteries // 180 km with 3 batteries
Note	WLTP reference profile: frontal area 4m ² , class B tyres, driving mode Eco and regeneration Standard. All data may change after final homologation.

VEHICLE CHARGING

The charge of the E-Daily is possible in many versatile ways.

The following exploits the **on board alternate current charger at 11 kW (standard) or 22 kW (option)**, with a connection to the standard Type 2 connector (**IEC61851/IEC62196**) on the vehicle charging plug through:

- Mode 2 230V cable at 2,3 kW (mono-phase), from a private domestic plug Shucko type (or equivalent domestic plug) at 230V and 10A monophase + PE.
- Mode 2 400V cable up to 22 kW (tri-phase), from a private industrial plug (CEE type red 3P+N+PE) at 400V and 32A, triphase.
- Mode 3 cable from public or private charging stations up to 22 kW with the EU diffused standard Type 2 (IEC61851/IEC62196)3P+N+PE + communication plug at 400V and 32A tri-phase.

As an option, it is also possible to charge the vehicle with **Mode 4 fast charge in direct current**, with a connection to the **CCS Combo 2 connector** on the vehicle charging plug: the off board direct current charging capability reaches **40 kW for single battery** units and **80 kW for the other configurations**.

The charging plug is on the front of the vehicle, easily accessible from whatever direction the charging cable is coming: a cover on the grill slides on the right with a push mechanism and the internal flaps protect the connectors against water and dust; when closing the external cover, the internal flaps close as well with the same single movement for a good ergonomics.

The standard type CCS Combo2 plug with the connectors is illuminated for visibility; LED indicators show clearly from outside the state of charge and the charging status for an easy visual management; a button, enabled by the vehicle unlock, allows to stop the charge and a symbol indicates charging delay by programming.

RECHARGE CABLE

OPT Code	00665	00664
Description	RECHARGE CABLE MODO 3 400 VAC	NO RECHARGE CABLE
Note	Standard	Optional

MODEL COMPONENTS

Note:

Cables Mode 3 400 VAC 10m, Mode 2 tri-phase 400V, Mode 2 mono-phase 230V are available in Iveco Accessories Line.

BODY BUILDER INTERFACES

OPT Code	08655	00642
Description	WITHOUT BODY BUILDER INTERFACE	BODY BUILDER PLUG + CANBUS 2.0B
Content	32 + 6 pins	32 + 6 pins
Note	Standard	Optional

TYRES & WHEELS

Code	Description	Tyres	Tyre Dimensions	Load index	Rolling circumference m	Rolling resistance Class
20535	SUMMER	Standard	225/75R16	121/120	2.254	A
20662	WINTER	Optional	225/75R16	121/120	2.254	C
20624	FOUR SEASONS	Optional	225/75R16	121/120	2.254	C

REAR AXLE RATIO

OPT CODE	RATIO	TYPE
02008	4.3	Standard
72614	5.1	Optional

AXLES

Position	Description
Rear	450517/2 - Iveco S.R. rear axle

Note: Front axle: independent wheels.

E-PTO

OPT Code	00050	00051	00054	00056	00057
Description	WITHOUT EPTO1	ELECTRIC PTO1 (12V)	ELECTRIC PTO1 (400V)	WITHOUT EPTO2	ELECTRIC PTO2 (12V)
Note	Standard	Optional	Optional	Standard	Optional

- OPTION 00051, 00054 can be selected in alternative and represent the primary ePTO output.
- OPTION 00057 represents the secondary output and can be always selected in addition to OPTION 00054.

PERFORMANCE

* Max Speed. Calculated speed on the basis of engine rpm and axle ratios. Real speed limits must take into account the speed index of the tyres: K = 110 km / h L = 120 km / h M = 130 km / h

** Theoretically calculated values, arising from the engine torque without considering the road-friction values and the stability limits of the vehicles. When calculating with more than one tyres or more than one axle ratio, availability of each combination must be checked.

Speed and gradeability values are rounded.

A = Total Weights (solo vehicle) Kg - Max Gradeability %

B = Total Weights (vehicle+trailer) Kg - Max Gradeability %

Tyre:	Efficiency:				Max gradeability (%)		Startability (%)		
	Axle Ratio	Gear Ratio 1°	Speed km/h 1°	RPM at 80 km/h	RPM at 90 km/h	A	B	A	B
						Full Load	Full Load + Trailer	Full Load	Full Load + Trailer
4.3	3.81	103.19	9684	10895	12.44%	12.44%	24%	15%	
5.1	3.81	87.00	11486	12921	15.02%	15.02%	24%	15%	

MODEL COMPONENTS

MODEL COMPONENTS**CABIN****CAB EXTERIOR**

Steps on both sides, front bumper in three pieces, mudguard.

Rear mirrors:

for models from 3.5 to 5.2 tons standard max body width = 2200 mm
 for models from 3.5 to 5.2 tons with opt. 73024 : max body width = 2350 mm
 for models from 3.5 to 5.2 tons with opt. 73025 : max body width = 2550 mm
 for models from 6.0 to 7.2 tons standard max body width = 2350 mm
 for models from 6.0 to 7.2 tons with opt. 73021 : max body width = 2200 mm
 for models from 6.0 to 7.2 tons with opt. 73025 : max body width = 2550 mm

Anti-corrosion protection includes full cataphoretic dipping with galvanized boxed sections and strategic use of zinc plated panels in vulnerable areas. Protective under seal for all under body cabin area, wheel housing and motor area.

CAB INTERIOR

Equipment: Storage compartments with bottle holder, pool cup for mobile phone, arm rests on the doors, shelves in overhead console (opt 8628), shelves at floor level below seats, interior lights, 2 spotlights, 4 loud-speakers, new drive modes selector and lever on dashboard. No. of seats places: 2 or 3 (depending on passenger seat option, single or bench).

Driver's seat: First LCV vehicle with Memory Foam technology. Improved comfort with full seats in memory foam +50% softness and adaptation to body shape. Improved size also for taller sizes (standard on all models).

Passenger's seat: For 35S models the standard passenger seat is specific for each market offer. For models from 42S up to 72C - standard: 2 passengers bench with 3 points safe belts, with drawer under seat.

Central console: Glove box compartments on the top of the dashboard, central panel, adjustable air vents, ash-trays,+ lighter (opt 5407 smoker kit) , automatic climate control and cooled compartment.

Instrument cluster: standard 5" TFT display & silver dial rings (code 72623 for km/h measure, code 72624 for miles/h measure). On Dashboard: Digital DAB Radio (opt 79245) or Hi-Connect infotainment system (opt 72800).

Indicator lamps, on cluster:

Electric Parking brake - Brakes failure - Direction indicators - Generic failure - Seat belts not fastened - Fog lights (OPT 6555) - High beams - Wing lights -External lights failure - Rear fog light(s) - Open doors – Batteries state of charge - Tachograph failure - Coolant temperature - Clogged air filter.

Multifunction stalks:

MODEL COMPONENTS

Left stalk contains following commands:

Left direction indicator, High beam / Low beam - Headlamp flash, Auto light command (when present option 72839).

Right stalk contains following commands:

Windscreen wipers, auto wipers command (when present option 72841), headlight washers (when present opt 2558), queue assist (when present opt 72803).

Steering wheel:

Multifunctions steering wheel (depending on vehicle configuration):

The steering wheel contains up to 20 switches: 16 on the front and 4 on the rear. Dedicated commands for ADAS options (Cruise Control opt 2463, Adaptive Cruise Control opt 14522, Additional Speed Limiter opt 5925) on steering wheel when present.

(The equipment can vary according to the markets / homologations; for a complete list of Daily options please contact local Iveco distributor. The images shown here are for illustrative purposes only).

BATTERY LOW VOLTAGE

Batteries capacity V/Ah	12 V / 105 Ah
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SUSPENSIONS

Front:

independent suspensions – **QUAD TOR**: incorporating torsion bars with antiroll bars. Two shock absorbers.

Rear:

Semielliptical multi leaf spring (7 leaves) standard. Semielliptical multi leaf spring with helper (7 + 6 leaves) option 6094.

OTHER TECHNICAL FEATURES AND NOVELTIES

Telematics Features:

- Smart routing: navigation and precise range estimation based on AI and the continuous data exchange with the vehicle and the environment.
- Remote Charge and Climatization management and planning.
- Control Room Services based on Proactive diagnosis and Predictive Diagnosis: the customer is informed if the vehicle needs repair and we provide assistance in this process, with the specific aim to intercept any failure before it comes to a breakdown and minimize the downtime.
- Remote Assistance Services: the driver can execute any software updates while the vehicle is parked in a safe place
- The electric Driving Style Evaluation, the Safe Driving report, The Energy Usage Advising Report: the customer is supported in the best, more safe and more sustainable use of the vehicle.
- Driver Pal: AI voice based Driver Assistant.
- API to third parties: Cloud-to cloud exposition of telematic data to customer systems.

MISCELLANEOUS

TFT Cluster standard on all eDAILY models Main functions: digital tachimeter, ADAS - dashboard, ADAS - quick menu, TPMS, battery, service info. Phone - multimedia, trip computer, vehicle settings, displaysettings, diagnostic, battery state of charge, residual range, charging settings, ePTO settings, drive and regenerative modes in use, electric components temperature, external temperature.	The three pieces bumper , standard on all Daily models, allows reduction of ownership costs, giving the possibility to replace only the required piece instead of the whole bumper.	The vehicle configuration must always be confirmed by the Iveco sales network.
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MODEL COMPONENTS**SYSTEM ESP 9****BRAKING SYSTEM FEATURES**

Dual circuit configuration; cross split on 35S up to 72C.
 Hydraulically operated with vacuum servo assistance.
 Full disc brakes with floating calipers with auto wear adjustment.
 Mechanically controlled parking brake:
 Brake fluid level indicator-front / rear pad wear indicator.
 Asbestos free pads.
 EASY interface.

	35S - 38S		42S		42C - 50C		60C - 72C	
	Front	Rear	Front	Rear	Front	Rear	Front	Rear
Disc diameter (mm):	300	296	295	294	290	289	301	306
Braking surface (cm ²):	280	200	320.8	264	280	278	404	276

Notes:

ESP 9 system is standard for all the range. It is the latest evolution among the Electronic vehicle stability controls and is an advanced system for active and preventive safety in all weather and road conditions. Prevents the loss of vehicle control caused by:

High speed
 Wrong evaluation of the road lay-out
 Sudden vehicle skid
 Trying to avoid an obstacle
 Sudden vehicle steering

ABS-Antilock Braking System: avoids wheel locking during the braking

EBD-Electronic Brakeforce Distribution: shares the brake force between the rear and front axle

ESP-Electronic Stability Program: brakes each wheel and controls the engine by reducing the number of revolutions if the vehicle becomes unstable

ASR-Anti Slip Regulator: acts on the engine and the brakes preventing the driving wheels from skidding

MSR(DTC)- Motor Schleppmomenten Regelung (Drag Torque Control): acts on engine speed to reduce the braking torque in release **HHC-Hill Hold Control:** acts on the braking pressure to hold the vehicle in up hill departure to assist the driver

LAC-Adaptive Load Control: recognizes the longitudinal load distribution

HRB-Hydraulic Rear Wheel Boost: in case of emergency braking, it boost the rear braking force, thus allowing a reduction in the vehicle stopping distance

HFC-Hydraulic Fading Compensation: the system is able to detect fading condition of the brakes and thus to increase the brake circuit pressure up to ABS intervention

RMI-Roll Movement Intervention: mitigate dangerous roll-over situations during highly dynamic driving, e.g. evasive maneuvers, J-turn, Fishhook

ROM-Roll Over Mitigation: extension of RMI by mitigation of rollover at quasi-stationary maneuvers, e.g. motorway exit.



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