

Technical datasheet

Commercial-vehicle batteries

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T3 with hybrid technology – uncompromised starting power



The Bosch T3 battery provides uncompromising starter power – ideal for vehicles with low energy demand. Thanks to hybrid technology, the T3 battery is maintenance-free and water can easily be topped up.

Advantages of the Bosch T3 battery with hybrid technology

- ▶ Meets EN-2 requirements and deep-cycle resistance standard V1
- ▶ Hybrid technology: allows topping-up with water, maintenance-free
- ▶ Safe to store for 12 months

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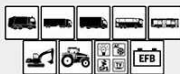
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T3 with hybrid technology in comparison



Line	EFB ⁽¹⁾		SLI ⁽²⁾	
Battery	TE	T5	T4	T3
Technology	EFB (Enhanced Flooded Battery) ⁽¹⁾ PowerFrame® ⁽³⁾ , Labyrinth lid ⁽⁴⁾	PowerFrame® ⁽³⁾ Labyrinth lid ⁽⁴⁾	PowerFrame® ⁽³⁾ Labyrinth lid ⁽⁴⁾	PowerFrame® ⁽³⁾ Hybrid technology ⁽⁵⁾
Application characteristics	Long-haul trucks with sleeper cab, distribution traffic/trucks with tail lift, fire-fighting vehicles, construction machinery, off-road trucks, coaches and buses, municipal vehicles with a high rate of city traffic 	Long-haul trucks with sleeper cab, distribution traffic/trucks with tail lift, fire-fighting vehicles, coaches and buses, municipal vehicles with a high rate of city traffic 	Construction machines and off-road vehicles; applications requiring a high level of power for starting 	Small commercial vehicles, vans, tractors 
Maintenance	Absolutely maintenance-free – reduces fleet operating costs	Absolutely maintenance-free – reduces fleet operating costs	Absolutely maintenance-free – reduces fleet operating costs	Maintenance-free – topping up with water is possible
Installation inside the vehicle	Yes	Yes	Yes	No
Cold start performance	● ● ●	● ● ●	● ●	●
Number of electronic consumers	● ● ●	● ● ●	● ●	●
Deep-cycle resistance	● ● ●	● ●	● ●	●
Suitability for short distances	● ● ●	● ●	● ●	●
Vibration resistance	● ● ●	● ● ●	● ●	●
Installation angle	0°	0°	0°	0°

(1) EFB (Enhanced Flooded Battery): positive plate coated with polyester scrim ensures additional retention of the active material and a high deep-cycle resistance

(2) SLI: Starting-Lighting-Ignition battery with PowerFrame®

(3) PowerFrame®: patented stamping process for optimum current flow, reduced corrosion and long service life

(4) Labyrinth lid: returns condensed water to the battery; integrated central degassing, backfire protection and an additional sealing ring ensure high operational safety

(5) Hybrid technology: allows the topping-up with water, maintenance-free

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Technical data: T3 037

Part information				
Part No:	0 092 T30 370			
Product line:	T3			
Short code:	T3 037			
Technology:	Hybrid			
ETN:	610404068			
EAN code:	4047024344853			
Technical information				
Nominal voltage:	12 V			
Nominal capacity: (20/5-hr discharge down to 10.5V)	C20	110 Ah	C5	
Reserve capacity: (@ 25A)				
Cold-cranking Amps: (EN / -18°C U10s ≥ 7.5V)	680 A			
Box size:	LOT7			
JIS code:	-			
Short-time angle of inclination:	55°			
Permanent angle of inclination:	0°			
Maximum dimension:	Length	Width	Ht. w/o terminal	Ht. w terminal
	347 mm	173 mm		234 mm
Weight: (approx., filled battery)	29 kg			
Layout (ETN, DIN 72 331):	0			
Terminal (ETN, DIN 72 311):	1			
Degassing:	-			
Fixture (ETN, DIN 72 311):	B01			



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Services	
Application:	Starter Battery
Charging / discharging cycles:	-
Service:	maintenance free / refillable
Standard charging:	
	Charging voltage: max. 14,4 V
	Charging current: 11 A (10% nominal capacity in Amps)
	Charging pattern: IU
European standards:	DIN EN 60095-1, -2, -4 Blei-Starterbatterien; DIN EN 50342 Blei-Akkumulatoren –Starterbatterien; DIN 41 773, Ladegeräte mit IU-Kennlinie