

EFB-50480R-DIN

Enhanced Flooded Battery (EFB) for Passenger Cars (DIN Fitment)
Fitment: DIN · Base hold-down: B3 · Polarity layout: A(- , +) · Terminal type: SL

Capacity (20h rate)	50 Ah
Cold Cranking Current (EN)	480 A @ -18°C
Cold Cranking Current (SAE)	N/A @ -18°C
Reserve Capacity (RC)	80 min
Weight (with acid)	13.3 kg

About SKANBATT EFB

SKANBATT EFB batteries (Enhanced Flooded Battery) are designed for vehicles and applications with higher cycling demand than standard SLI starter batteries. EFB technology improves charge acceptance and tolerance to partial state-of-charge operation, making it suitable for vehicles with increased electrical loads and frequent start cycles. Produced by one of the world's leading manufacturers of starter batteries, the EFB range is built according to OEM principles to ensure documented performance and consistent quality over time.

EFB-50480R-DIN is a compact 12V EFB starter battery in DIN fitment, delivering reliable cold-start performance and stable electrical supply for demanding everyday use.

Technical Specifications

Dimensions (L × W × H)	207 × 175 × 190 mm
Base hold-down	B3
Polarity layout	A(- , +)
Terminal type	SL
Nominal voltage	12 V
Technology	EFB (Enhanced Flooded Battery)
Capacity (20h)	50 Ah
Reserve capacity (RC)	80 min
Cold cranking (EN, -18°C)	480 A
Cold cranking (SAE, -18°C)	N/A
Handle	Yes
Lid type	Flat/Sealed Type
Weight (with acid)	13.3 kg

Charging, Maintenance & Storage

- Recommended charging voltage: 14.4 V at 25°C (unless vehicle/battery manufacturer specifies otherwise).
- Many modern automatic chargers with a 14.8 V voltage limit are suitable for charging EFB batteries in-vehicle.
- Float / maintenance voltage: 13.5–13.8 V at 25°C.
- Temperature compensation of charging voltage is recommended (approx. $-24 \text{ mV/}^{\circ}\text{C}$ for 12V batteries).
- Recharge promptly after deep discharge to reduce risk of sulfation.
- Avoid prolonged overcharging as it may reduce service life.
- For storage: keep the battery fully charged and recharge every 3–6 months depending on ambient temperature.
- Higher temperatures increase self-discharge rate.
- Disconnect from vehicle during extended storage to prevent parasitic drain.

SKANBATT – Battery Solutions Made Easy

Specifications are typical values and may vary depending on production tolerances and operating conditions.