

EFB-45430L-JIS

Enhanced Flooded Battery (EFB) for Passenger Cars (JIS Fitment)
Fitment: JIS · Base hold-down: BX · Polarity layout: B(+ , -) · Terminal type: SL

Capacity (20h rate)	45 Ah
Cold Cranking Current (EN)	N/A @ -18°C
Cold Cranking Current (SAE)	460 A @ -18°C
Reserve Capacity (RC)	80 min
Weight (with acid)	12.9 kg

About SKANBATT EFB

SKANBATT EFB batteries (Enhanced Flooded Battery) are designed for passenger cars with higher cycling demand than standard SLI starter batteries. EFB technology is commonly used in basic start-stop systems, city driving with frequent starts, and vehicles with increased electrical loads. 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-45430L-JIS is a compact 12V EFB battery with JIS fitment, delivering strong cold-start performance and improved charge acceptance for demanding everyday use.

Technical Specifications

Dimensions (L × W × H)	238 × 129 × 223 mm
Base hold-down	BX
Polarity layout	B(+ , -)
Terminal type	SL
Nominal voltage	12 V
Technology	EFB (Enhanced Flooded Battery)
Capacity (20h)	45 Ah
Reserve capacity (RC)	80 min
Cold cranking (EN, -18°C)	N/A
Cold cranking (SAE, -18°C)	460 A
Handle	Yes
Lid type	Flat/Sealed Type
Weight (with acid)	12.9 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.

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