






-  **Extreme temperatures**
-  **Premium performance**
-  **High load capacity**

START-STOP BATTERY

with modern EFB technology

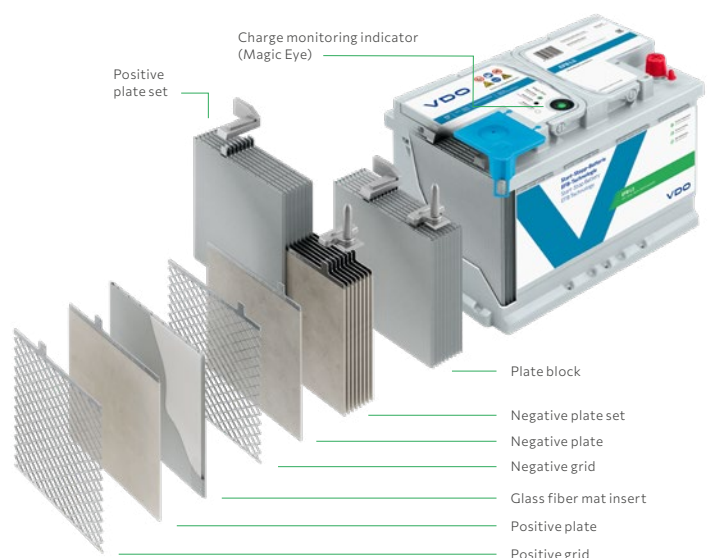
The VDO Enhanced Flooded Battery (EFB) is the right choice for vehicles with entry-level start-stop systems without braking energy recovery. It has impressive cold-start performance and enables both low-resistance and rapid charging and discharging.

All the advantages at a glance:

- / Perfect for vehicles with entry-level start-stop system
- / For demanding climatic and weather conditions: 115% Cold Cranking Amps (CCA)*
- / Long life of at least two times more cycles*
- / High deep-discharge capability
- / 20% less energy consumption and greenhouse emissions*
- / Charge monitoring indicator (Magic Eye)
- / Extreme safety: 100% leak-proof
- / Maintenance-free – saves labor and costs
- / 2-year warranty

*Compared with conventional batteries.

EFB technology: battery construction



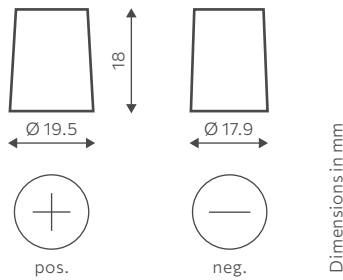
VDO

Technical information

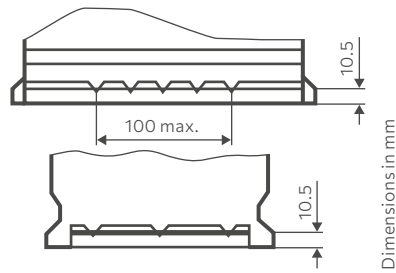
Article number	Type	Box	Dimensions (LxBxH) (mm)	Weight (kg)	Voltage (V)	Capacity (Ah)	Cold test current (A)	Polarity	Base plate	Circuit
2800012058280	EFB	L1	207 x 175 x 190	14.38	12	50	540	1	B13	0
2800012038280	EFB	L2	242 x 175 x 190	17.39	12	60	640	1	B13	0
2800012004280	EFB	LB3	277 x 175 x 175	18.29	12	65	650	1	B13	0
2800012039280	EFB	L3	278 x 175 x 190	20.07	12	70	760	1	B13	0
2800012005280	EFB	LB4	315 x 175 x 175	20.50	12	75	730	1	B13	0
2800012040280	EFB	L4	315 x 175 x 190	22.69	12	80	800	1	B13	0
2800012041280	EFB	L5	353 x 175 x 190	25.56	12	95	850	1	B13	0
2800012059280	EFB	L6	393 x 174 x 190	28.47	12	105	950	1	B13	0

Technical details

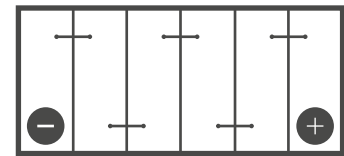
1 Pole type



B13 Base plate design



0 Pole arrangement



Ordering information

Article number	Product description	EAN number	No. of/pallet	Weight (kg)/pallet	Packing unit
2800012058280	Start-Stop Battery EFB L1	4103590781048	60	892	1
2800012038280	Start-Stop Battery EFB L2	4103590680198	54	940	1
2800012004280	Start-Stop Battery EFB LB3	4103590680235	48	880	1
2800012039280	Start-Stop Battery EFB L3	4103590680204	46	939	1
2800012005280	Start-Stop Battery EFB LB4	4103590680242	42	862	1
2800012040280	Start-Stop Battery EFB L4	4103590680211	40	916	1
2800012041280	Start-Stop Battery EFB L5	4103590680228	36	922	1
2800012059280	Start-Stop Battery EFB L6	4103590781284	33	969	1

VDO batteries compared



Criteria	EFB battery	AGM battery	SLI battery
Vehicle type	Start-stop	Start-stop and recuperation	Without start-stop (gasoline/diesel vehicles)
Cycle stability	>> 200 %*	>> 300 %*	100 %
Technology	EFB – Enhanced Flooded Battery	AGM – Absorbent Glass Mat	Lead acid
Maintenance	Maintenance-free	Maintenance-free	Low maintenance
Number of battery types	8	4	22
Cold start capacity	115 %*	135 %*	100 %
Specification	OE-equivalent	OE-equivalent	OE-equivalent
Quality level	OEM quality	OEM quality	OEM quality
Suitable for recuperation	-	Yes	-
Deep discharge	Good	Very good	-
Vibration protection	Good	Very good	-
Charge acceptance	Good	Very good	-
Charge monitoring indicator (Magic Eye)	Yes	-	Yes
Leakproof	-	Yes	Yes
Warranty	2 years	2 years	2 years

*Compared with conventional batteries.



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