

# 2021 Automobile Battery Catalog

www.suzuki.sg







### **SUZUKI CORPORATION**

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\*Features and specifications are subject to change without prior notification

#### REFERENCE



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# Start-Stop EFB

SUZUKI EFB batteries are an enhanced version of standard wet-flooded technology. The main benefits of EFB technology are improved charge acceptance and greater cyclic durability when operating in a partial state of charge (especially for Stop-Start applications and vehicles with many electrical consumers).

On the other hand, EFB batteries play an important role in reducing fuel consumption and CO2 emissions.

This is more advantageous for vehicles that spend significant amounts of time waiting at traffic lights or frequently come to a stop in traffic jams. Key Performances

### **Benefits**

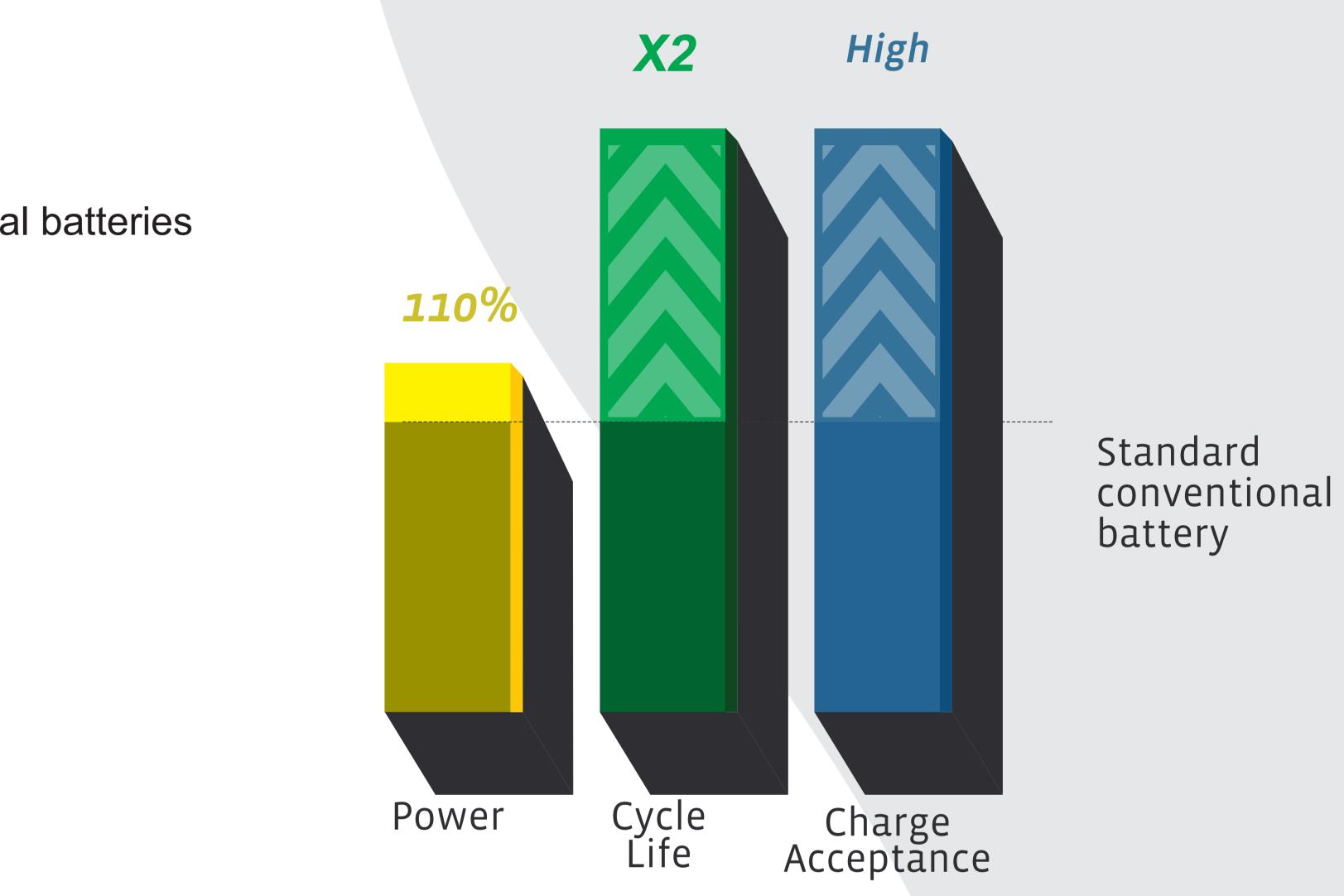
- Full frame technology
- Recharges up to 2 times faster compared with other conventional batteries
- High charge acceptance over the battery lifespan
- 2times higher cycle life
- Optimized for partial-state-of-charge operations
- Ideal for small to mid-sized cars with Start-Stop and hybrid cars
- High-level safety features
- Optimal operation in the engine compartment
- Latest generation approved by car manufacturers
- Long shelf life
- Maintenance-free battery
- Available in many models of varying capacity, CCA and size



- 1. Plates pack
- 2. Negative plates pack
- 3. Positive plates pack inside the separators
- 4. Negative plate (grid with new technology)

increasing life time)

6. New full-framed grid for positive (enhancement of endurance and corrosion resistance)









	TYPE		Reserve		Max.	Overall Dime (mm)	nsion	Base	Terminal	Torminal
Box	Part Number	Capacity 20 HR (AH)	Capacity (min)	CCA EN (A)	Length	Width	Total Height	Hold Down		Terminal Layout
EFE										
L2	EFB.SMF56020	60	98	560	242	175	190	B3	A1	0
L3	EFB.SMF57031	70	118	650	278	175	190	B3	A1	0





# Premium

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## **Premium Series**

The Premium High-Tech series now recharges up to 2 times faster and has 1.5 times more life compared with other conventional batteries, with the help of our proprietary application of carbon additives on the negative plates.

While battery failure remains the number one cause of car breakdowns, fast recharging considerably reduces the risk of breakdowns by helping the battery retain a healthy state of charge for longer.

The High-Tech Premium battery is designed to resist extreme climate, Highconsumption electrical equipment, and intensive urban driving.

### **Benefits**

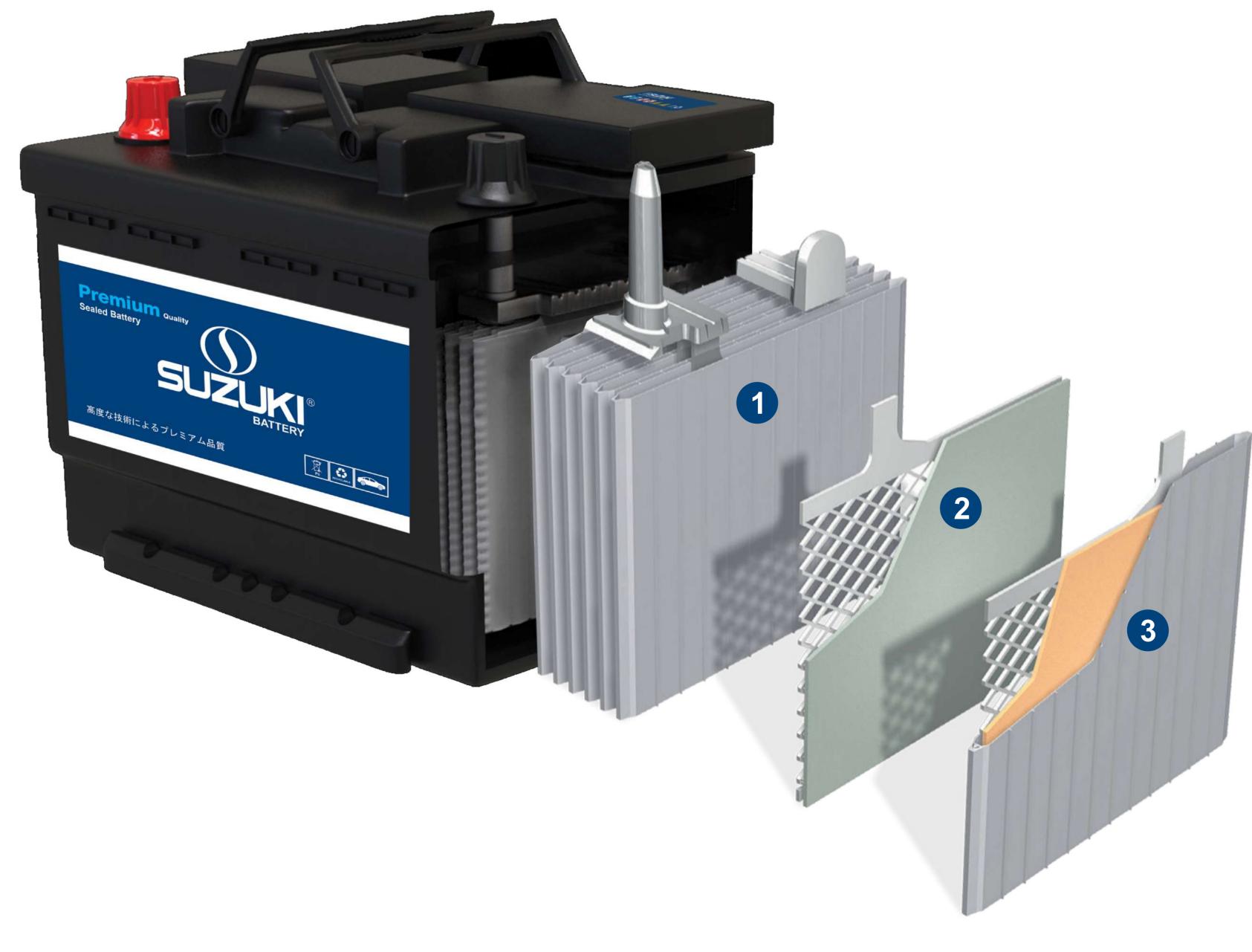
Recharges up to 2 times faster compared with other conventional batteries Most advanced plate design for higher power and increased resistance to hot climates

30% extra starting power

Ideal for highly equipped cars with powerful engines and demanding electrical needs Ideal for extreme weather and urban driving conditions Original equipment

Wide range covering around 90% of the car types Maintenance-free battery

Available in many models of varying capacity, CCA and size



- 1. Plates pack
- 2. Negative plates
- 3. Positive plates

# Premium



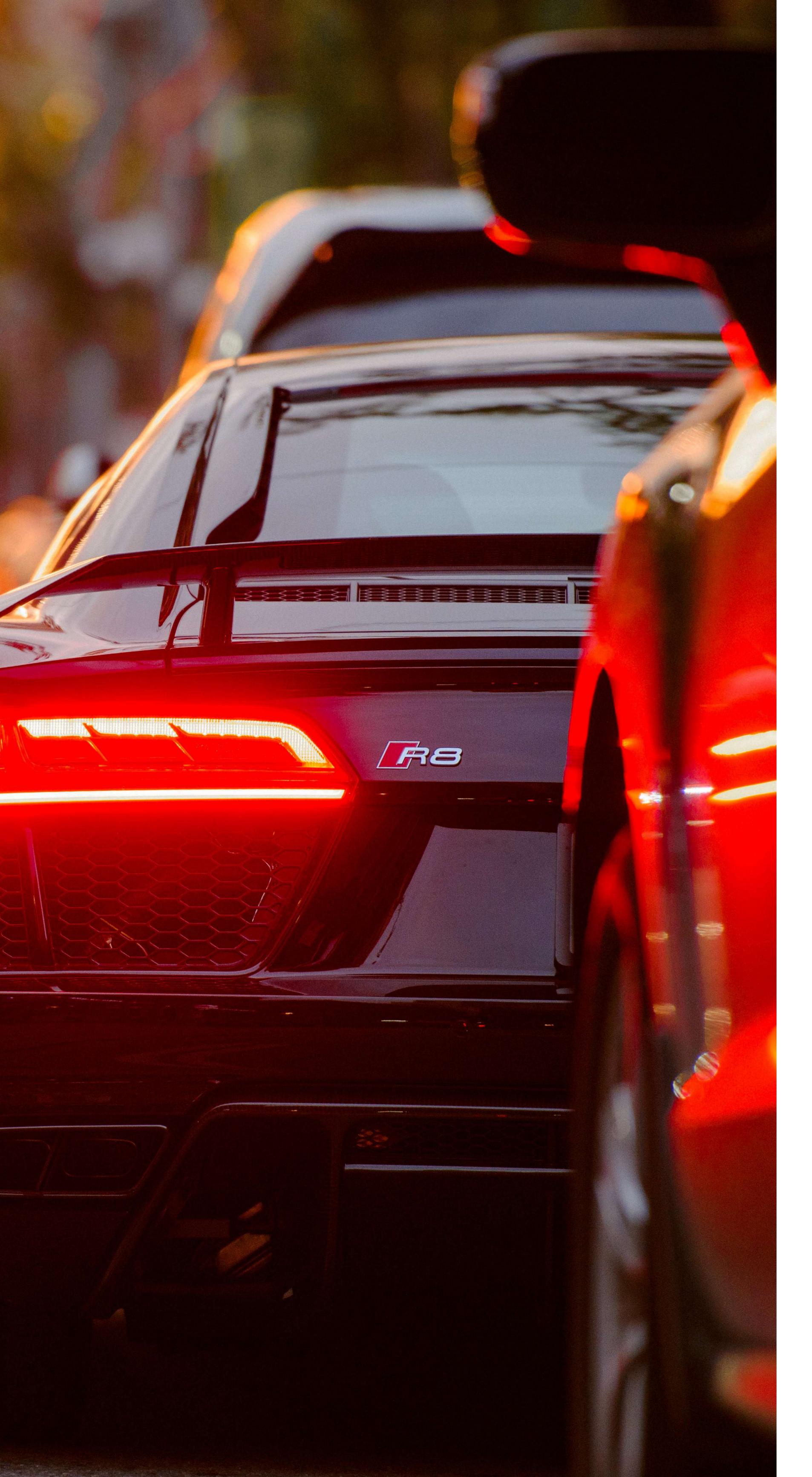


TYPE Capacity 20 HR (AH) Reserve CCA F Capacity (A (min) Part Number Box JIS PRE. SMF 35B20L B20 PRE. SMF 35B20R PRE. SMF45B24L B24 PRE. SMF 45B24R PRE. SMF 60D23L PRE. SMF 60D23R D23 PRE. SMF 66D23L PRE. SMF 66D23R PRE. SMF 70D26L PRE. SMF 70D26R D26 PRE. SMF 75D26L PRE. SMF 75D26R PRE. SMF 70D31L PRE. SMF 70D31R PRE. SMF 80D31L PRE. SMF 80D31R D31 PRE. SMF 90D31L PRE. SMF 90D31R PRE. SMF 100D31L PRE. SMF 100D31R 



EN	Max.	Overall Dimer (mm)	nsion	Base	Terminal	Terminal
)	Length	Width	Total Height	Hold Down		Layout
50	197	129	227	Ν	A2	0
50	197	129	227	Ν	A2	1
25	238	129	227	Ν	A1	0
25	238	129	227	Ν	A1	1
20	238	178	225	B4	A1	0
20	238	178	225	B4	A1	1
60	238	178	225	B4	A1	0
0	238	178	225	B4	A1	1
20	257	176	225	B4	A1	0
20	257	176	225	B4	A1	1
60	257	176	225	B4	A1	0
60	257	176	225	B4	A1	1
20	306	175	225	B4	A1	0
20	306	175	225	B4	A1	1
0	306	175	225	B4	A1	0
60	306	175	225	B4	A1	1
60	306	175	225	B4	A1	0
60	306	175	225	B4	A1	1
60	306	175	225	B4	A1	0
60	306	175	225	B4	A1	1

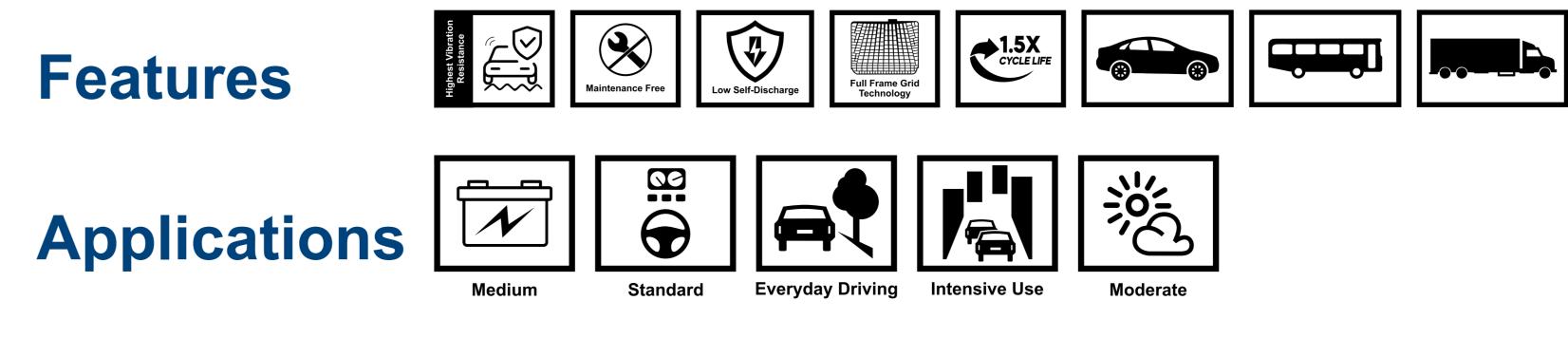
# Premium





	TYPE		Reserve	CCA EN	Max.	Overall Dime (mm)	ension	Base	Terminal	Terminal
Box	Part Number	Capacity 20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down		Layout
Prem	DIN									
	SMF55018	50	79	470	242	175	190	B3	A1	0
L2	SMF55559	55	88	505	242	175	190	B3	A1	0
	SMF56019	60	98	560	242	175	190	B3	A1	0
	SMF56638	66	110	595	278	175	190	B3	A1	0
L3	SMF57031	70	118	650	278	175	190	B3	A1	0
	SMF57412	74	126	685	278	175	190	B3	A1	0
	SMF58439	84	146	775	377	175	190	B3	A1	0
15	SMF58827	88	154	830	377	175	190	B3	A1	0
L5	SMF59018	90	158	860	377	175	190	B3	A1	0
	SMF60044	100	179	920	377	175	190	B3	A1	0





Powermate





### Powermate

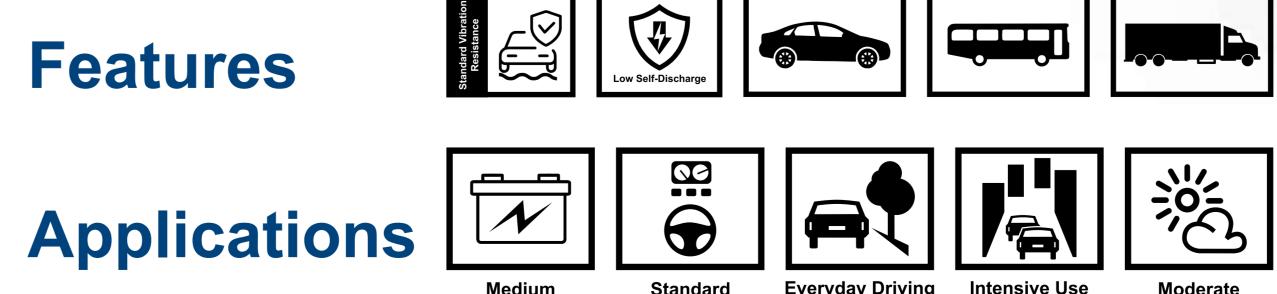
SUZUKI Powermate series is a proven all-round battery for most common vehicles, standard equipment and everyday driving. This product series is produced and offered in two types SMF (Sealed Maintenance Free) and LM (Low Maintenance).

Powermate series with various capacities includes the complete range of consumable batteries of light vehicles, SUVs, and trucks.

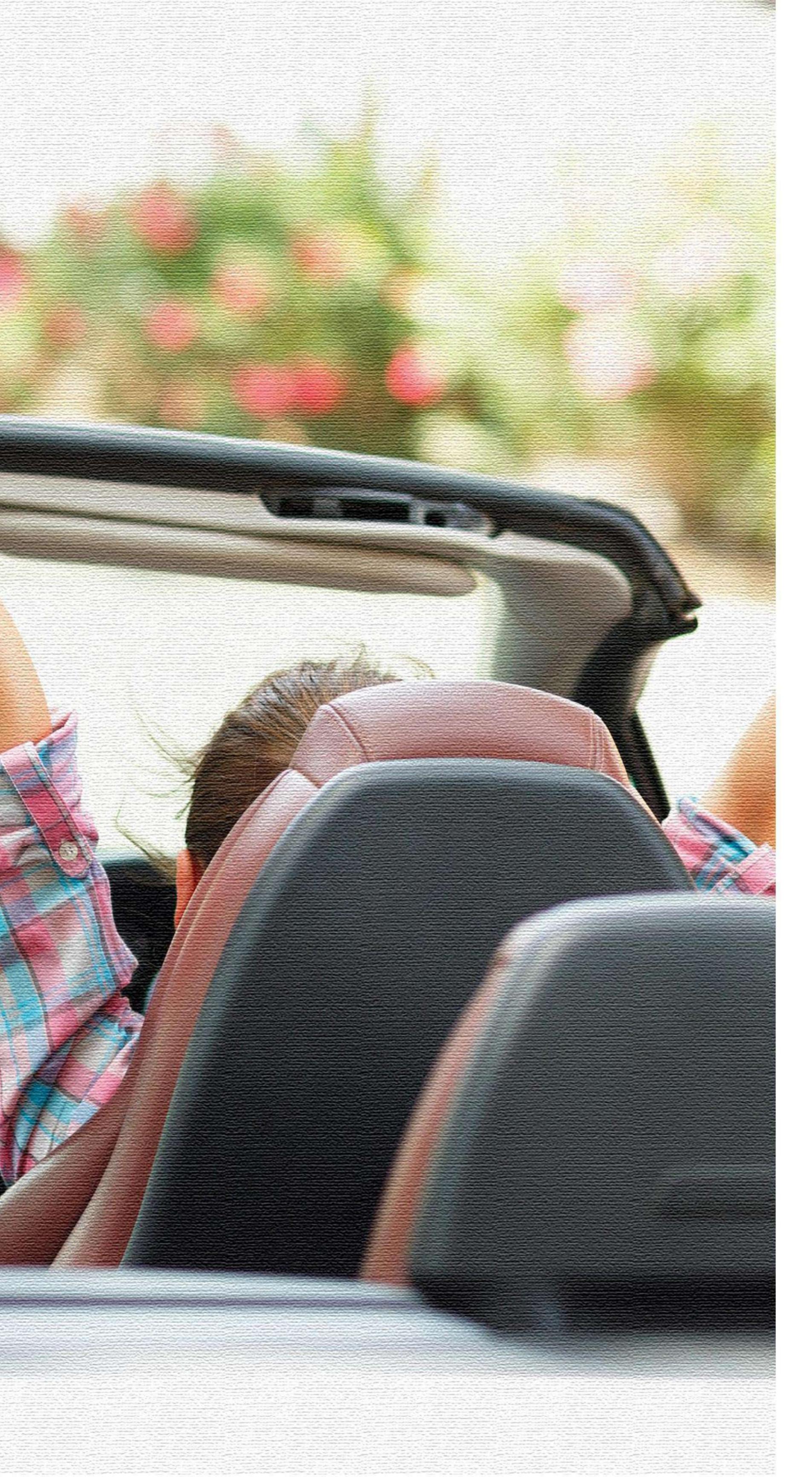
#### **Benefits**

- All-round battery for standard use
- Complete range covering almost 100% of car types
- Original equipment
- Economy solution
- Ideal for cars with basic and normal power needs
- Available in many models of varying capacity, CCA and size







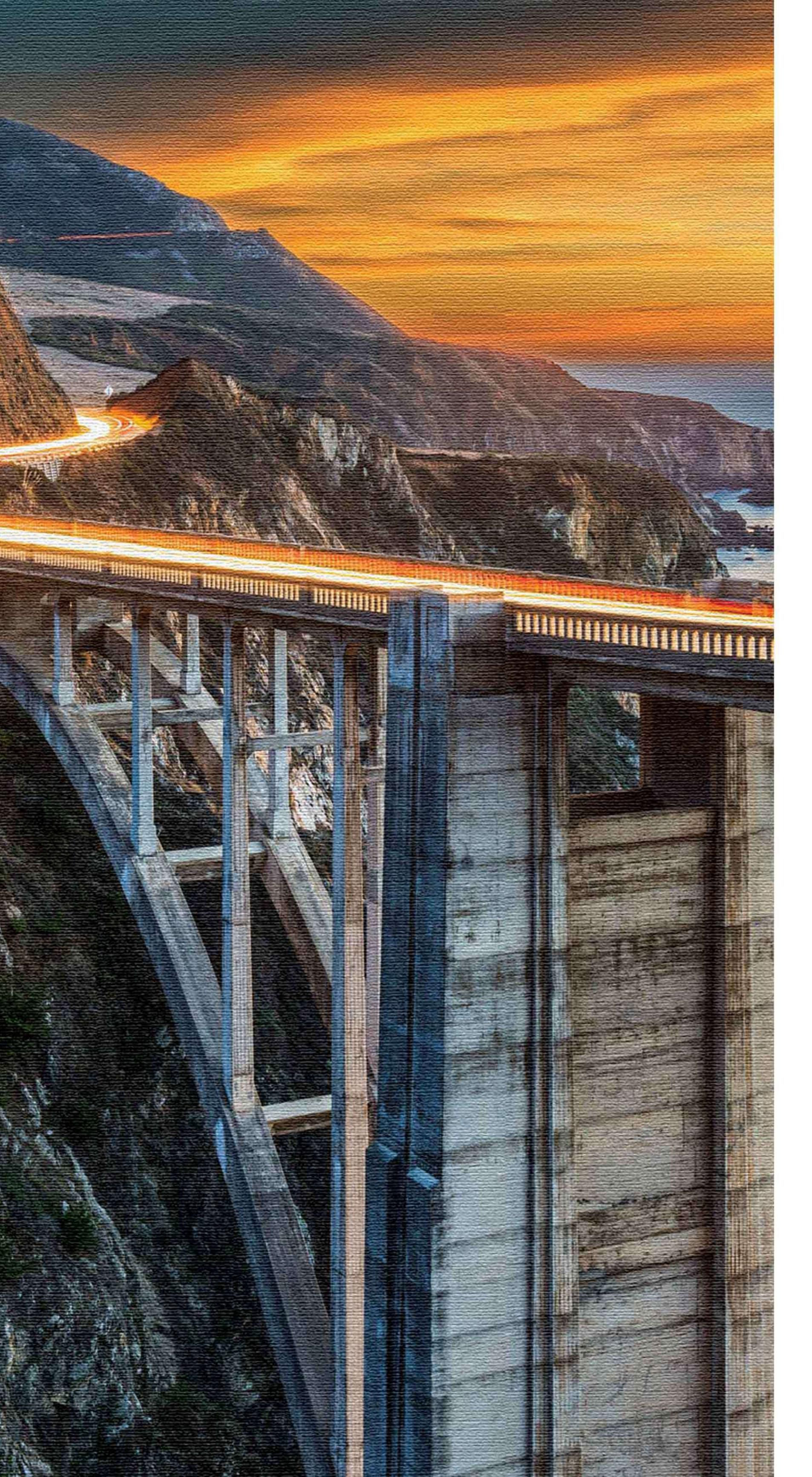




	TYPE		Reserve	CCA EN	Max.Overall Dimension (mm)			Base	Toursiand	Torminol
Box	Part Number	Capacity 20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down	Terminal Type	Terminal Layout
POWE	RMATE DIN_									
L1	SMF54459	40	61	380	207	175	190	B3	A1	0
	SMF54507	45	70	415	207	175	190	B3	A1	0
	SMF55090	50	79	470	207	175	190	B3	A1	0









	TYPE		Reserve	CCA EN	Max.Overall Dimension (mm)			Base	Terminal	Terminal
Box	Part Number	Capacity 20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down		Layout
POWE	RMATE DIN									
	SMF55018	50	79	470	242	175	190	B3	A1	0
L2	SMF55559	55	88	505	242	175	190	B3	A1	0
	SMF56019	60	98	560	242	175	190	B3	A1	0









	TYPE		Capacity Reserve	CCA EN	Max.Overall Dimension (mm)			Base	Torminol	Terminal
Box	Part Number	20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down	Terminal Type	Layout
POWE	RMATE DIN									
	SMF56638	66	110	595	278	175	190	B3	A1	0
L3	SMF57220	72	122	660	278	175	190	B3	A1	0
	SMF57412	74	126	685	278	175	190	B3	A1	0





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	TYPE		Reserve CCA EN	Max.Overall Dimension (mm)			Base	Terminal	Terminal	
Box	Part Number	Capacity 20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down		Layout
POWE	RMATE DIN									
	SMF58439	84	146	775	377	175	190	B3	A1	0
	SMF59018	90	154	830	377	175	190	B3	A1	0
L5	SMF59485	94	158	860	377	175	190	B3	A1	0
	SMF60044	100	179	920	377	175	190	B3	A1	0









	TYPE	Consoity	Reserve		Max.	Overall Dime (mm)	nsion	Base	Terminal	Torminal
Box	Part Number	Capacity 20 HR (AH)	Capacity (min)	CCA EN (A)	Length	Width	Total Height	Hold Down		Terminal Layout
POWE	RMATE DIN_									
	SMF6502081	150	290	1010	510	222	232	B8	A1	3
	SMF65059	150	290	1010	510	222	232	B8	A1	4
	SMF67018	170	336	1135	510	222	232	B8	A1	3
B	SMF67019	170	336	1135	510	222	232	B8	A1	4
	SMF68032	180	360	1215	510	222	232	B8	A1	3
	SMF68033	180	360	1215	510	222	232	B8	A1	4
	SMF69018	190	383	1265	510	222	232	B8	A1	3
	SMF69065	190	383	1265	510	222	232	B8	A1	4





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	TYPE		Reserve	CCA EN	Max.	Overall Dime (mm)	nsion	Base	Terminal	Terminal
Box	Part Number	Capacity 20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down		Terminal Layout
POWE	RMATE DIN									
	SMF70027	200	407	1050	512	278	239	B8	A1	3
	SMF70029	200	407	1050	512	278	239	B8	A1	4
	SMF71884	218	451	1100	512	278	239	B8	A1	3
C	SMF71883	218	451	1100	512	278	239	B8	A1	4
	SMF72025	220	456	1100	512	278	239	B8	A1	3
	SMF72076	220	456	1100	512	278	239	B8	A1	4





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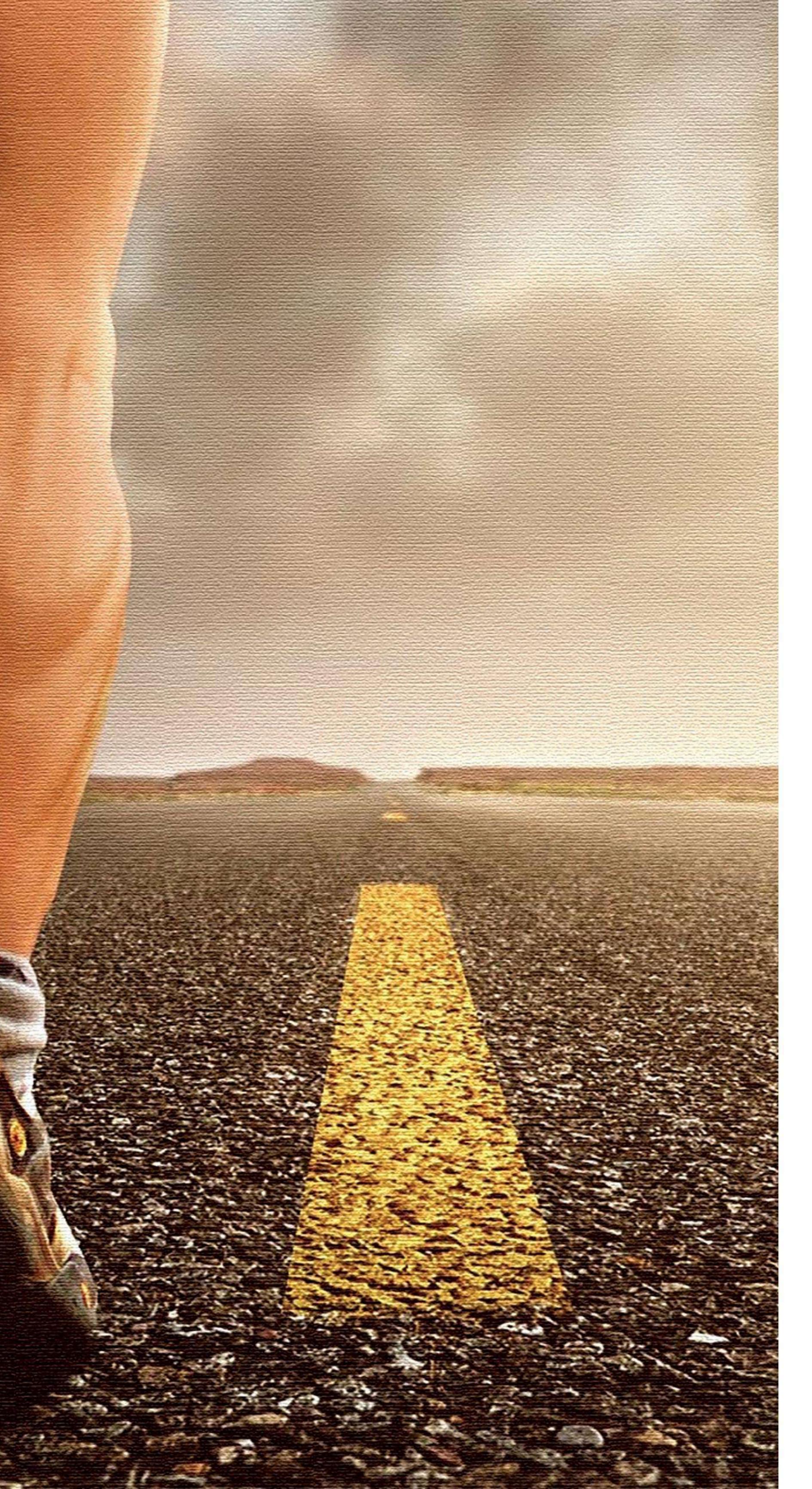
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	TYPE		Reserve	CCA EN	Max.Overall Dimension (mm)			Base	Terminal	Terminal
Вох	Part Number	Capacity 20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down		Layout
POWE	RMATE JIS									
	SMF65D23L	60	98	520	238	178	225	B4	A1	0
	SMF65D23R	60	98	520	238	178	225	B4	A1	1
D23	SMF75D23L	66	110	560	238	178	225	B4	A1	0
	SMF75D23R	66	110	560	238	178	225	B4	A1	1







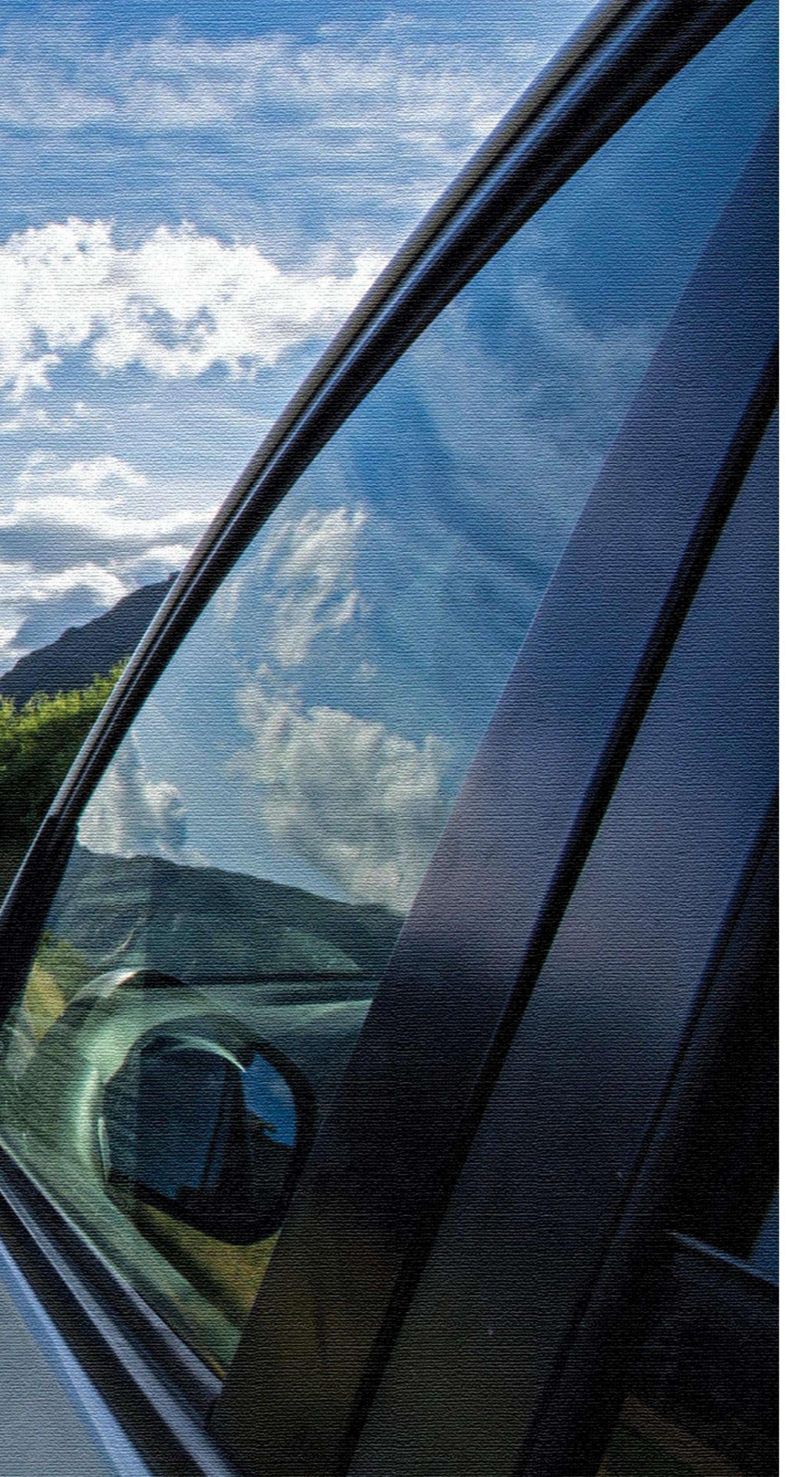
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	TYPE		Reserve	CCA EN	Max.Overall Dimension (mm)			Base	Terminal	Terminal
Вох	Part Number	Capacity 20 HR (AH)	Capacity (min)	(A)	Length	Width	Total Height	Hold Down		Layout
POWE	RMATE JIS									
	SMF41B24LS (N40L)	40	61	350	238	129	227	N	A1	0
DO 4	SMF41B24RS (N40)	40	61	350	238	129	227	N	A1	1
B24	SMF50B24L (NS60LS)	45	70	380	238	129	227	N	A1	0
	SMF50B24R (NS60S)	45	70	380	238	129	227	N	A1	1









	TYPE		Reserve CCA E		Max.	Max.Overall Dimer (mm)		Base	Torminal	Terminal
Вох	Part Number	Capacity 20 HR (AH)	Capacity (min)	CCA EN (A)	Length	Width	Total Height	Hold Down	Terminal Type	Layout
POWE	RMATE JIS									
B20	SMF38B20L (NS40ZL)	35	52	305	197	129	227	Ν	A2	0
	SMF38B20R (NS40Z)	35	52	305	197	129	227	N	A2	1





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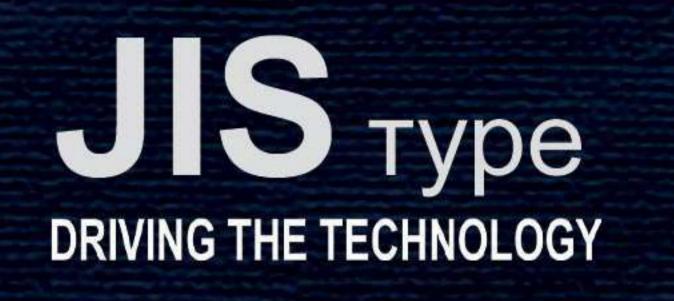
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TYPE		Consolition	Decembra		Max.Overall Dimension (mm)			Page		
Box	Part Number	Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Length	Width	Total Height	Base Hold Down	Terminal Type	Terminal Layout
POWE	RMATE JIS									
	SMF55D26L (N50L)	50	79	460	257	176	225	B4	A1	0
	SMF55D26R (N50)	50	79	460	257	176	225	B4	A1	1
	SMF75D26L	66	110	560	257	176	225	B4	A1	0
DOG	SMF75D26R	66	110	560	257	176	225	B4	A1	1
D26	SMF80D26L (NX110-5L)	70	118	620	257	176	225	B4	A1	0
	SMF80D26R (NX110-5)	70	118	620	257	176	225	B4	A1	1
	SMF90D26L	75	128	660	257	176	225	B4	A1	0
	SMF90D26R	75	128	660	257	176	225	B4	A1	1



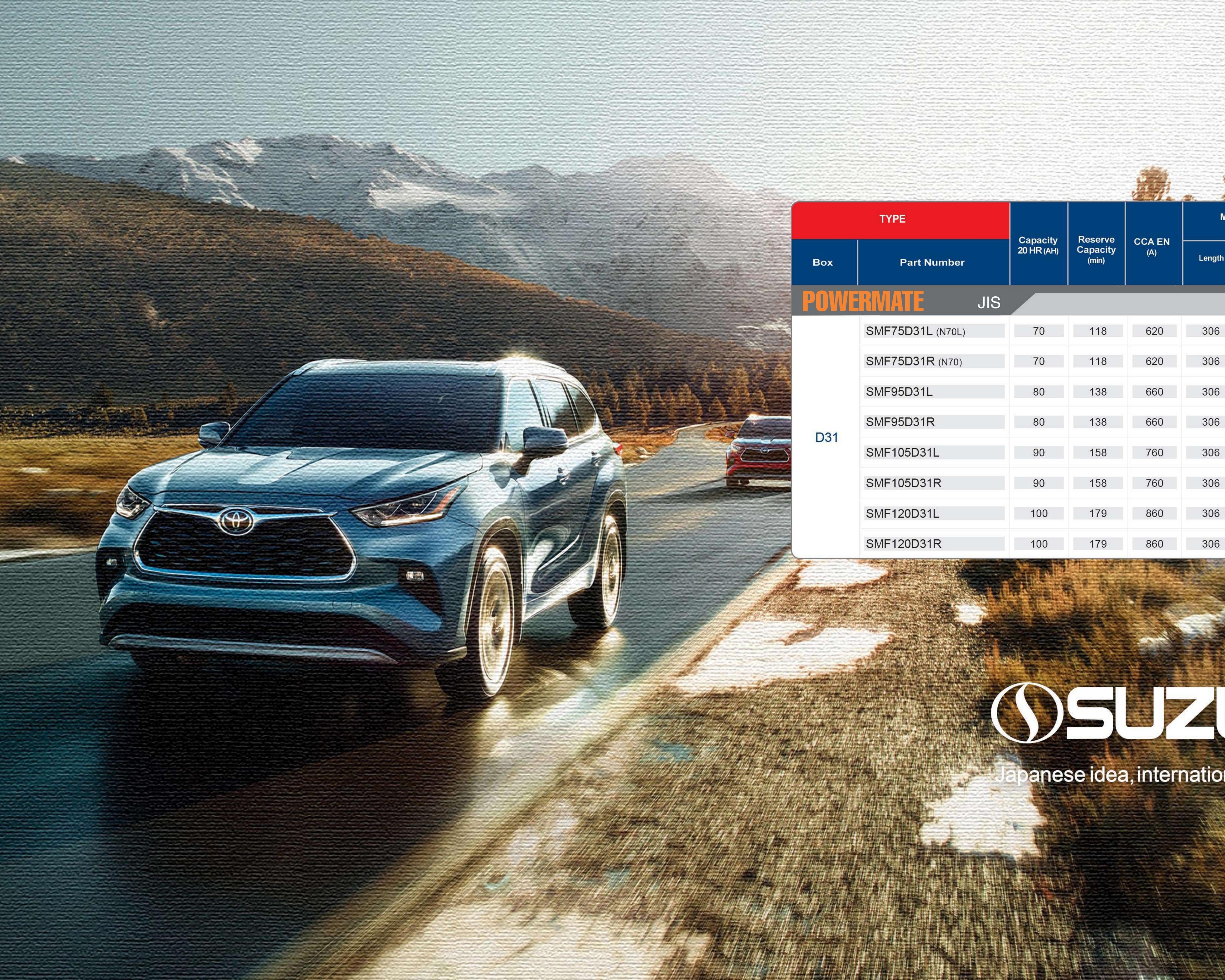


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TYPE					Max.Overall Dimension (mm)			Page		
Box	Part Number	Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Length	Width	Total Height	Base Hold Down	Terminal Type	Terminal Layout
POWE	RMATE JIS									
D31	SMF75D31L (N70L)	70	118	620	306	175	225	B4	A1	0
	SMF75D31R (N70)	70	118	620	306	175	225	B4	A1	1
	SMF95D31L	80	138	660	306	175	225	B4	A1	0
	SMF95D31R	80	138	660	306	175	225	B4	A1	1
	SMF105D31L	90	158	760	306	175	225	B4	A1	0
	SMF105D31R	90	158	760	306	175	225	B4	A1	1
	SMF120D31L	100	179	860	306	175	225	B4	A1	0
	SMF120D31R	100	179	860	306	175	225	B4	A1	1

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TYPE		Capacity	Reserve		Max.Overall Dimension (mm)			Base	Terminal	Terminal
Box	Part Number	20 HR (AH)	Capacity (min)	CCA EN (A)	Length	Width	Total Height	Hold Down		Layout
POWE	RMATE JIS									
	SMF155G51R	150	290	1010	510	222	232	B8	A1	3
	SMF155G51L	150	290	1010	510	222	232	B8	A1	4
	SMF185G51R	170	336	1135	510	222	232	B8	A1	3
G51	SMF185G51L	170	336	1135	510	222	232	B8	A1	4
	SMF200G51R	180	360	1215	510	222	232	B8	A1	3
	SMF200G51L	180	360	1215	510	222	232	B8	A1	4
	SMF205G51R	190	383	1265	510	222	232	B8	A1	3
	SMF205G51L	190	383	1265	510	222	232	B8	A1	4





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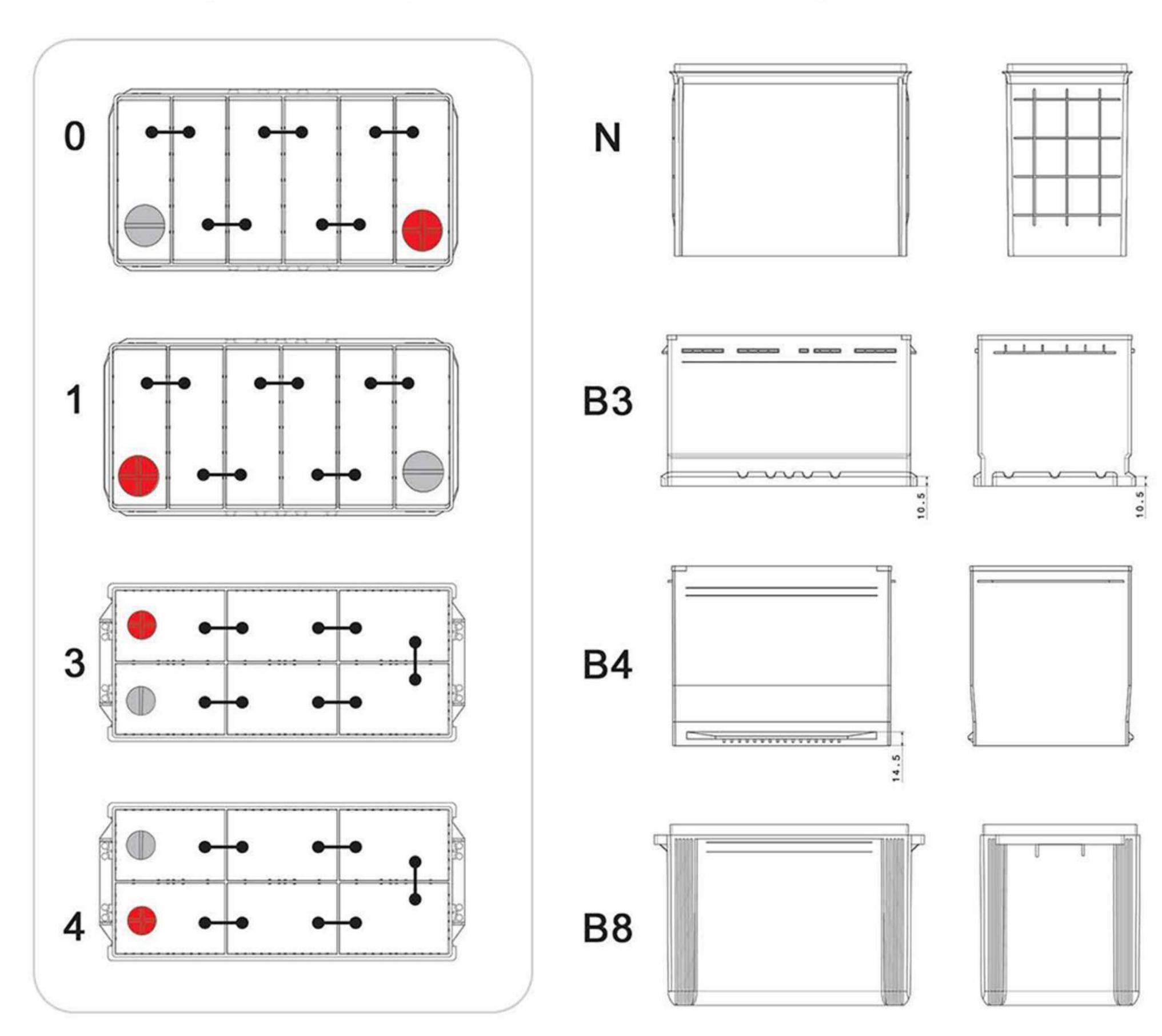


TYPE		Consoitu	Decomico		Max.Overall Dimension (mm)			Page		
Box	Part Number	Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Length	Width	Total Height	Base Hold Down	Terminal Type	Terminal Layout
POWE	RMATE JIS									
	SMF210H51R (N200L)	200	407	1050	512	278	239	B8	A1	3
	SMF210H51L (N200)	200	407	1050	512	278	239	B8	A1	4
1154	SMF226H51R	218	451	1100	512	278	239	B8	A1	3
H51	SMF226H51L	218	451	1100	512	278	239	B8	A1	4
	SMF245H51R	220	456	1100	512	278	239	B8	A1	3
	SMF245H51L	220	456	1100	512	278	239	B8	A1	4

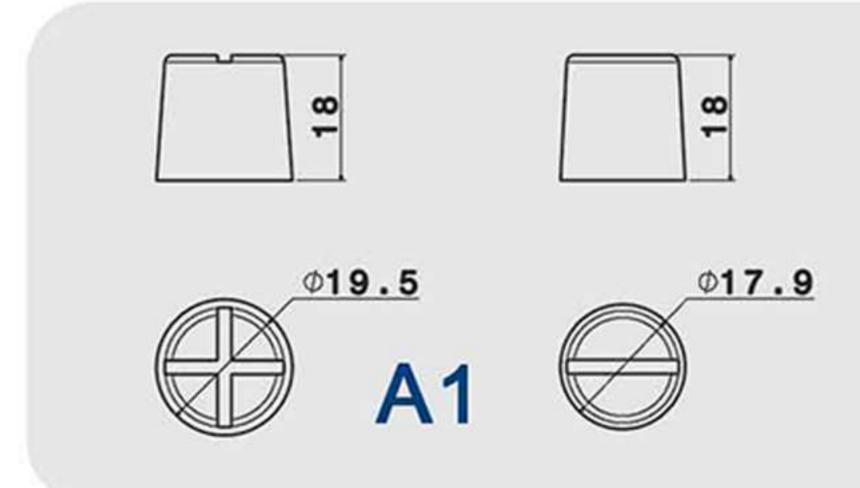


### LAYOUTS, HOLD DOWN **AND TERMINALS**

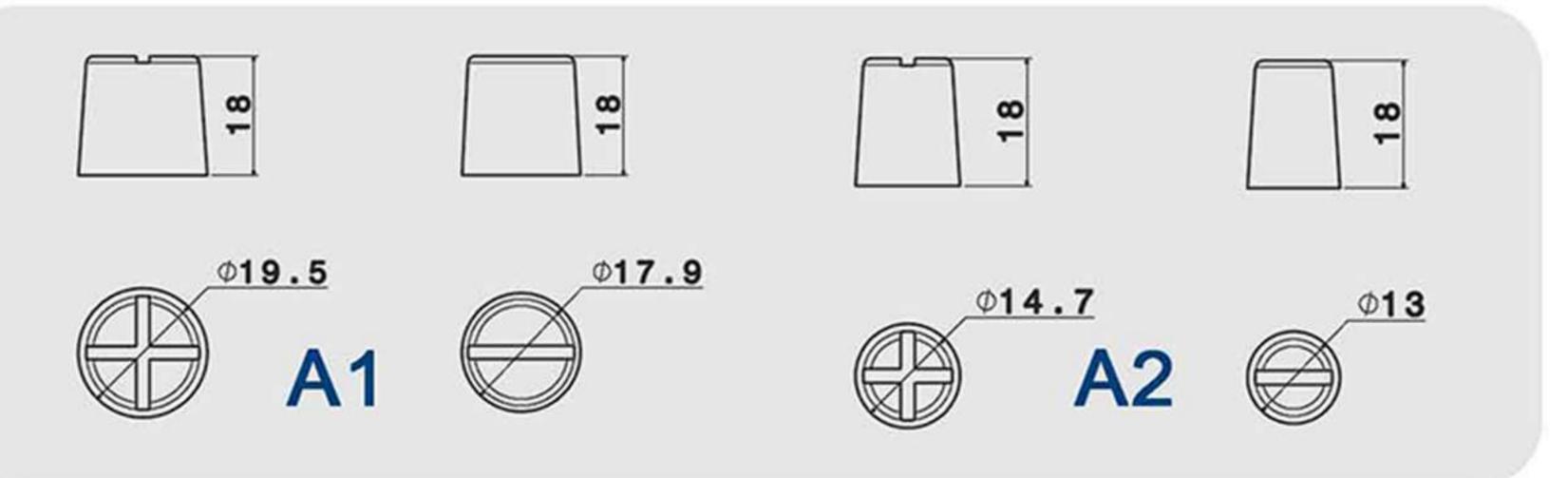
#### **Battery Terminal Layout**



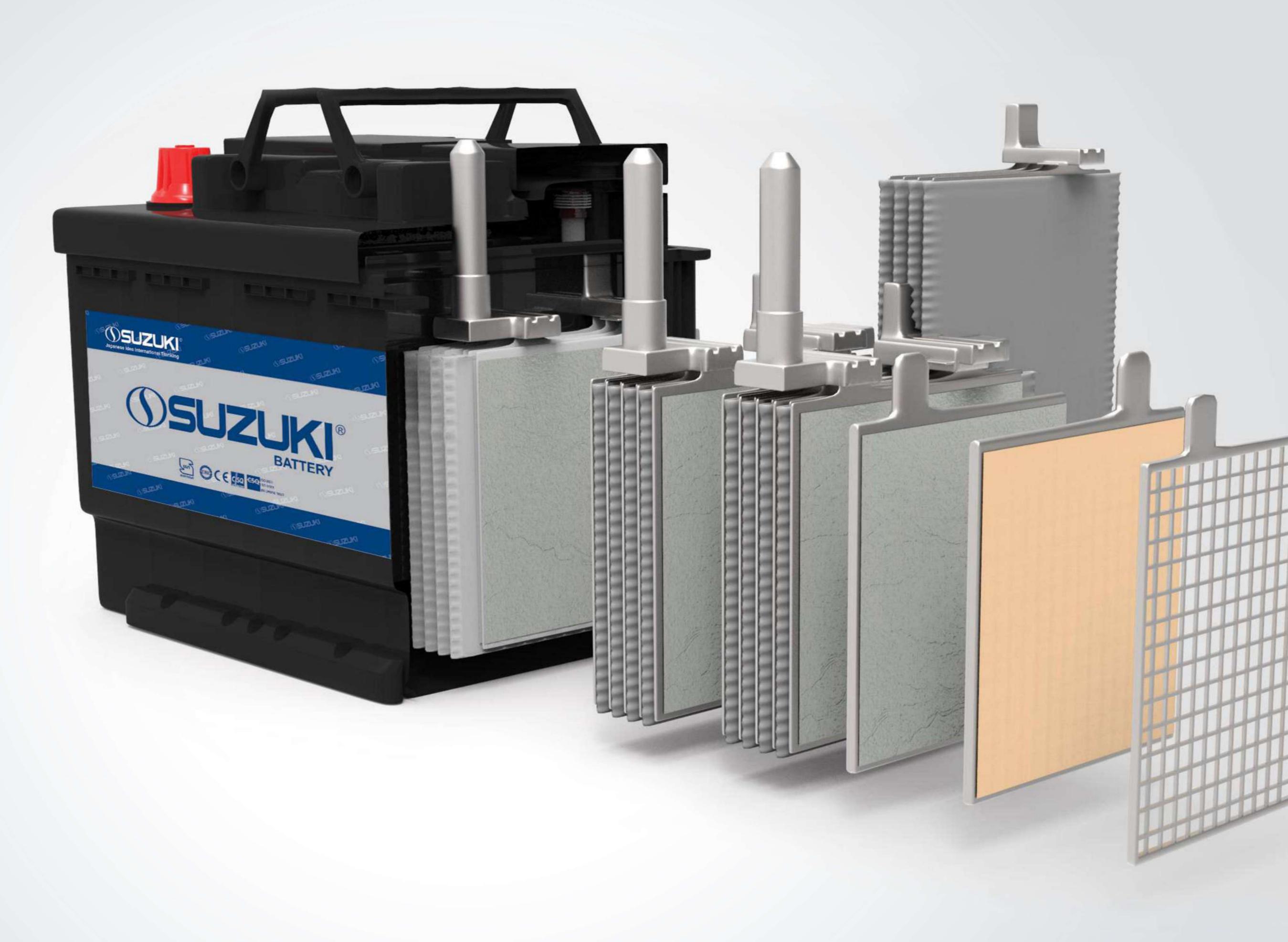
### **Battery Terminals**



Battery Base Hold Down







# 2021 Automobile Battery