

# PREMIUM

## AUTOMOTIVE BATTERIES

**RELIABLE STARTING POWER.  
HIGH PERFORMANCE.**

Dynac Premium is a vast range of automotive batteries with modern calcium technology. This battery provides high performance for vehicles with average to high power needs. Ideal for cars with average electrical equipment and without start-stop-technology. This premium quality battery is 100% maintenance free and has an excellent price-performance ratio. Available in a complete range of 12V batteries from 35Ah to 110Ah. Suitable for most European, Asian and American vehicles.



### FEATURES

- MODERN CALCIUM TECHNOLOGY
- RELIABLE STARTING POWER, HIGH PERFORMANCE
- EXCELLENT PRICE-PERFORMANCE RATIO
- RECOMMENDED FOR VEHICLES WITH AVERAGE TO HIGH POWER NEEDS
- COMPREHENSIVE RANGE WITH 99% AUTO PARK COVERAGE
- 100% MAINTENANCE FREE
- HIGH LEVEL SAFETY AND LONGER LIFE WITH BUILD-IN SMF LABYRINTH SYSTEM FOR GAS RECOMBINATION
- ECO-FRIENDLY PRODUCT AND 99% RECYCLABLE



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# PREMIUM DIN



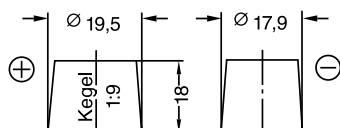
## MODELS AND SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
54059	LMFV 54059	12	40	300	L0	175	175	190	190		1	B3
54459L	LMFV 54459L	12	44	360	LB1	207	175	175	175		1	B3/B4
54464	LMFV 54464	12	44	360	L1	207	175	190	190		1	B3
55067	LMFV 55067	12	50	420	L1	207	175	190	190		1	B3/B4
55559	LMFV 55559	12	55	420	L2	242	175	190	190		1	B3/B4
55559L	LMFV 55559L	12	55	420	LB2	242	175	175	175		1	B3/B4
55565L	LMFV 55565L	12	55	420	LB2	242	174	174	174		1	B3/B4
56077	LMFV 56077	12	60	600	LB2	242	175	175	175		1	B3/B4
56219	LMFV 56219	12	62	510	L2	242	175	190	190		1	B3/B4
56221	LMFV 56221	12	62	510	L2	242	175	190	190		1	B3/B4
56420	LMFV 56420	12	64	640	LB3	278	175	175	175		1	B3/B4
57219L	LMFV 57219L	12	72	680	LB3	275	174	174	174		1	B3/B4
57412	LMFV 57412	12	74	680	L3	278	175	190	190		1	B3/B4
57412L	LMFV 57412L	12	74	680	LB3	278	175	175	175		1	B3/B4
58035	LMFV 58035	12	80	720	L4	310	175	190	190		1	B3/B4
58211	LMFV 58211	12	82	720	LB4	310	175	175	175		1	B3/B4
58213	LMFV 58213	12	82	720	LB4	314	174	174	174		1	B3/B4
58821	LMFV 58821	12	88	680	L5	351	174	189	189		1	B3
58827	LMFV 58827	12	88	680	L5	353	175	190	190		1	B3/B4
60030	LMFV 60030	12	100	840	LB5	353	175	175	175		1	B3/B4
60038	LMFV 60038	12	100	850	L5	353	175	190	190		1	B3/B4
61042	LMFV 61042	12	110	950	L6	398	174	190	190		1	B3

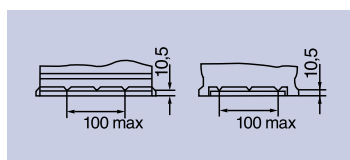
## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
<b>W4</b>	<b>C2</b>	<b>V1</b>	<b>E1</b>

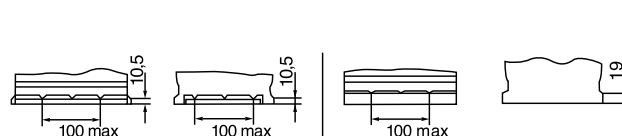
### TERMINAL 1



### HOLD-DOWN B3



### HOLD-DOWN B3/B4



# PREMIUM JIS



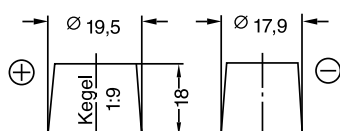
## MODELS AND SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
53520	LMFV 53520	12	35	300	B19	187	127	199	219		3	-
53522	LMFV 53522	12	35	300	B19	187	127	199	219		3	-
53587	LMFV 53587	12	35	300	B19	187	127	199	219		3	B1
54523	LMFV 54523	12	45	350	B24	236	128	200	220		1	-
54524	LMFV 54524	12	45	350	B24	236	128	200	220		1	-
54551	LMFV 54551	12	45	350	B24	236	128	200	220		3	-
54577	LMFV 54577	12	45	350	E2	217	134	200	220		1	B1
54579	LMFV 54579	12	45	350	E2	217	134	200	220		1	B1
54584	LMFV 54584	12	45	350	B24	236	128	200	220		3	-
55041	LMFV 55041	12	50	390	D20	206	172	184	204		1	B1
55042	LMFV 55042	12	50	390	D20	206	172	184	204		1	B1
56062	LMFV 56062	12	60	450	D23	230	172	200	220		1	B1
56063	LMFV 56063	12	60	450	D23	230	172	200	220		1	B1
56068	LMFV 56068	12	60	450	D23	230	172	200	220		1	-
56069	LMFV 56069	12	60	450	D23	230	172	200	220		1	-
57024	LMFV 57024	12	70	560	D26	260	175	200	220		1	B1
57029	LMFV 57029	12	70	560	D26	260	175	200	220		1	B1
60032	LMFV 60032	12	100	720	D31	301	172	200	220		1	B1
60033	LMFV 60033	12	100	720	D31	301	172	200	220		1	B1
60800	LMFV 60800	12	100	790	-	330	172	217	238		1	-

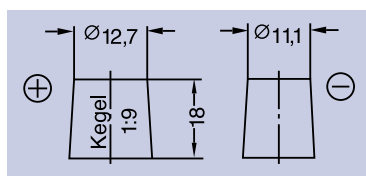
## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
<b>W4</b>	<b>C2</b>	<b>V2</b>	<b>E1</b>

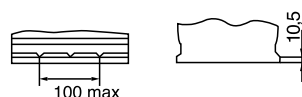
### TERMINAL 1



### TERMINAL 3



### HOLD-DOWN B1



# PREMIUM USA



## MODELS AND SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
56010	LMFV 56010	12	60	500	75	230	179	184	184		21	B1
57010	LMFV 57010	12	70	540	78	260	179	184	184		21	B1

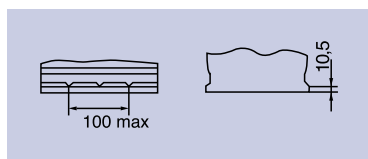
## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
W4	C2	V2	E1

### TERMINAL 21



### HOLD-DOWN B1



## CARE & MAINTENANCE

Maintain your battery with a premium smart battery charger by SC Power. For PREMIUM batteries we advise the following battery chargers depending on the capacity of your battery (Ah).

Model	Specs	Description	Battery range (Ah)
SC38	6/12V 0.8/3.8A	SC Power premium smart charger - 9 phases	1.2-60
SC70	12V 1.8/7A	SC Power premium smart charger - 9 phases (OBDII)	12-120
SC120	12V 3.8/12A	SC Power premium smart charger - 9 phases (OBDII)	20-180





# ULTRA

## AUTOMOTIVE BATTERIES

**HIGH STARTING POWER.  
OPTIMAL PERFORMANCE.**

Dynac Ultra is a range of automotive batteries with modern calcium technology. This battery delivers high capacity and high cranking amps which provides optimal performance for vehicles with the highest power needs. Ideal for cars with advanced electrical equipment and without start-stop-technology. This premium quality battery is 100% maintenance free, delivers extra power and has a higher capacity than a conventional starter battery. Available in a range of 12V batteries from 50Ah to 110Ah which together cover 80% of European vehicles.



### FEATURES





- MODERN CALCIUM TECHNOLOGY
- HIGH STARTING POWER, OPTIMAL PERFORMANCE
- HIGHER CAPACITY THAN CONVENTIONAL BATTERY
- RECOMMENDED FOR VEHICLES WITH HIGHEST POWER NEEDS
- RANGE WITH 80% AUTO PARK COVERAGE (EU)
- 100% MAINTENANCE FREE
- HIGH LEVEL SAFETY AND LONGER LIFE WITH BUILD-IN SMF LABYRINTH SYSTEM FOR GAS RECOMBINATION
- ECO-FRIENDLY PRODUCT AND 99% RECYCLABLE

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# ULTRA

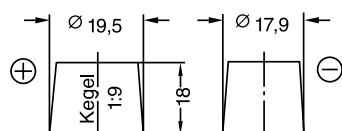
## ULTRA | MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
ULTRA 1	ULTRA 1	12	50	460	LB1	208	174	174	174		1	B3
ULTRA 2	ULTRA 2	12	60	600	LB2	242	174	174	174		1	B3
ULTRA 3	ULTRA 3	12	74	730	LB3	275	174	174	174		1	B3
ULTRA 5	ULTRA 5	12	110	860	L5	351	174	189	189		1	B3

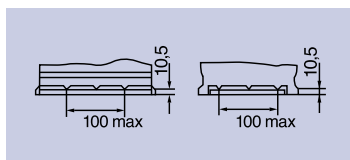
## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
W4	C2	V2	E1

### TERMINAL 1



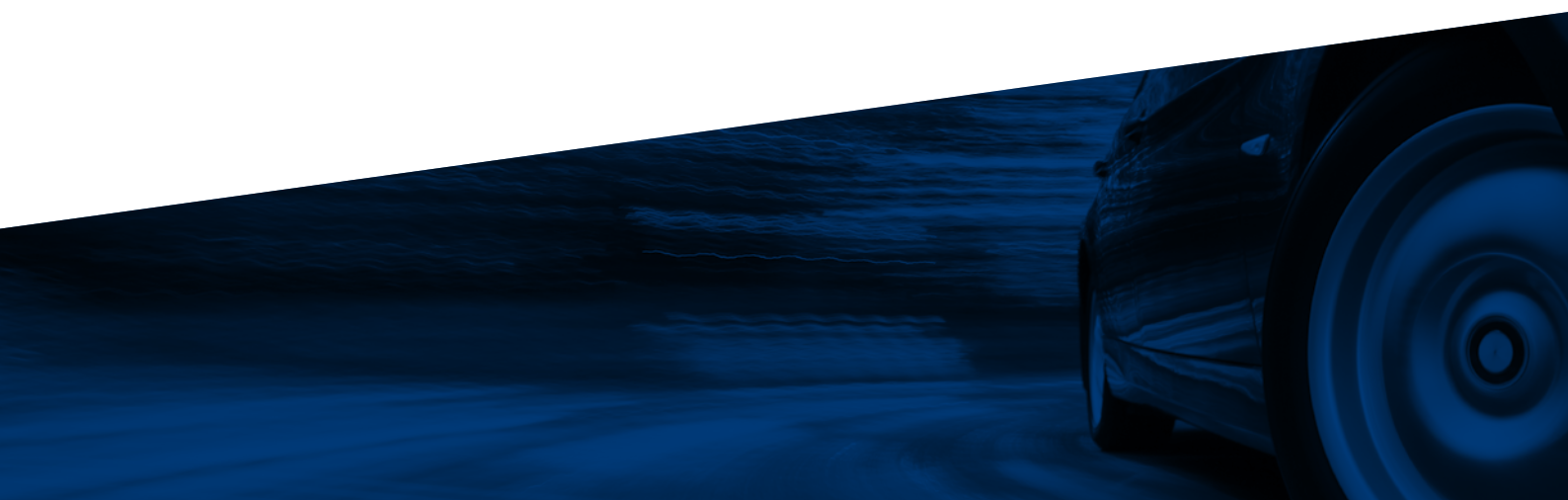
### HOLD-DOWN B3



## CARE & MAINTENANCE

Maintain your battery with a premium smart battery charger by SC Power. For ULTRA batteries we advise the following battery chargers depending on the capacity of your battery (Ah).

Model	Specs	Description	Battery range (Ah)
SC38	6/12V 0.8/3.8A	SC Power premium smart charger - 9 phases	1.2-60
SC70	12V 1.8/7A	SC Power premium smart charger - 9 phases (OBDII)	12-120
SC120	12V 3.8/12A	SC Power premium smart charger - 9 phases (OBDII)	20-180



# AUX

## AUXILIARY BATTERY

### RELIABLE SUPPORT FOR MODERN / START-STOP VEHICLES

Modern / start-stop vehicles may be equipped with a secondary battery alongside the primary starter battery. This auxiliary battery can be used as a safety back-up to support the main battery when required or to supply power for specific electrical systems all of the time. Start-stop AUX with AGM technology is factory activated, completely sealed, 100% maintenance free, and leak-proof which makes it safe to use. Start-Stop AUX is the ideal replacement for the original support batteries in Volvo (AUX9) and Audi, BMW, and Mercedes-Benz (AUX14).



#### FEATURES

- ABSORBENT GLASS MAT TECHNOLOGY
- RELIABLE SUPPORT BATTERY
- FACTORY ACTIVATED, READY TO USE!
- 100% MAINTENANCE FREE, LEAK-PROOF, SAVE HANDLING
- VERY LOW SELF-DISCHARGE
- ECO-FRIENDLY PRODUCT AND 99% RECYCLABLE

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box Type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold Down
AUX9	AGM AUX9	12	9	130	AUX	151	87	106	106			-
AUX14	AGM AUX14	12	13	200	AUX	150	87	146	146			-
AGM 545913034 *	AGM 545913034	12	45	340	B24	236	125	200	224		3	-

\*auxiliary battery for hybrid vehicles, supplying power to accessory systems, headlights, audio systems and computer controls

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# AGM

## START-STOP BATTERIES

### 3X LONGER CYCLE LIFE. EXTREME PERFORMANCE.

Dynac Start-Stop AGM is a range of start-stop batteries with AGM technology delivering the highest cranking amps and extreme performance. This battery offers a 3 times greater cycle resistance compared to a standard battery. This battery is the perfect choice for vehicles equipped with multiple power consumers and advanced start-stop systems suitable for regenerative braking with energy recovery. Available in a range of 12V batteries from 50Ah to 95Ah with a wide car park coverage for European and Asian vehicles.



#### FEATURES

- ABSORBENT GLASS MAT TECHNOLOGY
- HIGHEST STARTING POWER, EXTREME PERFORMANCE
- 3 TIMES LONGER CYCLE LIFE COMPARED TO CONVENTIONAL BATTERIES
- RECOMMENDED FOR VEHICLES EQUIPPED WITH MULTIPLE POWER CONSUMERS AND ADVANCED START-STOP SYSTEMS SUITABLE FOR REGENERATIVE BRAKING WITH ENERGY RECOVERY
- IDEAL FOR MICRO HYBRID & MILD HYBRID (MHEV) WITH ADVANCED START-STOP SYSTEMS
- RANGE OF 7 MODELS, WIDE CAR PARK COVERAGE (EU AND ASIA)
- 100% MAINTENANCE FREE, LEAK-PROOF, SAVE HANDLING
- ECO-FRIENDLY PRODUCT AND 99% RECYCLABLE

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# EFB

## START-STOP BATTERIES

**2X LONGER CYCLE LIFE.  
EXTREME PERFORMANCE.**

Dynac Start-Stop EFB is a range of start-stop batteries with EFB technology delivering reliable starting power and high performance. This battery offers a 2 times greater cycle resistance compared to a standard battery. This battery is the perfect choice for vehicles with multiple power consumers and basic start-stop systems. Available in a range of 12V batteries from 38Ah to 110Ah with a wide car park coverage for European and Asian vehicles.



### FEATURES

- ENHANCED FLOODED BATTERY TECHNOLOGY
- RELIABLE STARTING POWER, HIGH PERFORMANCE
- 2 TIMES LONGER CYCLE LIFE COMPARED TO CONVENTIONAL BATTERIES
- RECOMMENDED FOR VEHICLES WITH MULTIPLE POWER CONSUMERS AND BASIC START-STOP SYSTEMS.
- RANGE OF 13 MODELS, WIDE CAR PARK COVERAGE (EU AND ASIA)
- 100% MAINTENANCE FREE, LEAK-PROOF, SAVE HANDLING
- ECO-FRIENDLY PRODUCT AND 99% RECYCLABLE

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### AGM - MODELS AND SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
AGM 550901054	AGM 550901054	12	50	540	L1	208	174	190	190		1	B3
AGM 560901068	AGM 560901068	12	60	680	L2	242	174	189	189		1	B3
AGM 570901076	AGM 570901076	12	70	760	L3	275	174	189	189		1	B3
AGM 575901069	AGM 575901069	12	75	690	D26	260	172	200	220		1	B1
AGM 575911069	AGM 575911069	12	75	690	D26	260	172	200	220		1	B1
AGM 580901080	AGM 580901080	12	80	800	L4	314	174	189	189		1	B3
AGM 595901085	AGM 595901085	12	95	850	L5	351	174	189	189		1	B3

**PLEASE KEEP IN MIND** - AN AGM BATTERY MUST BE REPLACED WITH ANOTHER AGM BATTERY.

#### BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Micro-cycle performance
W5	C2	V3	M3

### EFB - MODELS AND SPECIFICATIONS

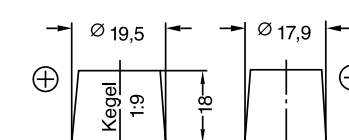
Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
EFB 538503036	EFB 538503036	12	38	360	B19	187	127	199	219		3	-
EFB 540503038	EFB 540503038	12	40	380	B20	197	127	200	220		3	-
EFB 550503044	EFB 550503044	12	50	440	B24	236	128	200	220		3	-
EFB 555500048	EFB 555500048	12	55	480	L1	207	174	189	189		1	B3
EFB 560500056	EFB 560500056	12	60	560	L2	242	174	189	189		1	B3
EFB 565500065	EFB 565500065	12	65	650	LB3	275	174	174	174		1	B3
EFB 565501061	EFB 565501061	12	65	620	D23	230	172	200	220		1	B1
EFB 568501067	EFB 568501067	12	70	680	D26	260	175	200	220		1	B0/B1
EFB 570500065	EFB 570500065	12	70	650	L3	275	174	189	189		1	B3
EFB 575500073	EFB 575500073	12	75	730	LB4	314	174	174	174		1	B3
EFB 580500073	EFB 580500073	12	80	730	L4	314	174	189	189		1	B3
EFB 590501081	EFB 590501081	12	90	810	D31	301	172	200	220		1	B1
EFB 610500095	EFB 610500095	12	110	950	L6	398	174	190	190		1	B3

**PLEASE KEEP IN MIND** - AN EFB BATTERY MUST BE REPLACED WITH ANOTHER EFB BATTERY.

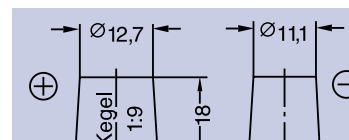
#### BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Micro-cycle performance
W4	C2	V3	M2

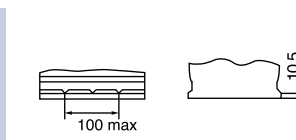
#### TERMINAL 1



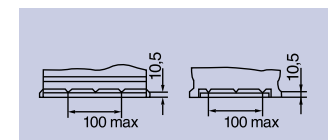
#### TERMINAL 3



#### HOLD-DOWN B1



#### HOLD-DOWN B3



# CLASSIC

## AUTOMOTIVE BATTERIES

**ORIGINAL DESIGN.  
OLD-FASHIONED HARD RUBBER CASING.**

Dynac Classic is a starter battery which is suitable for classic vehicles such as oldtimers and vintage cars. This battery is produced according to flooded low antimony technology and delivers durable and powerful performance. Most models come in an original hard rubber casing and can be delivered either dry pre-charged or wet charged (on request). Available in a range of 6V and 12V batteries from 66Ah to 200Ah.



### FEATURES

- FLOODED LOW ANTIMONY TECHNOLOGY
- DURABLE AND POWERFUL PERFORMANCE
- ORIGINAL HARD RUBBER CASING
- AVAILABLE AS DRY PRE-CHARGED OR WET CHARGED
- SUITABLE FOR ALMOST ALL CLASSIC VEHICLES



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# DRY CHARGED

## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
06612	ACLPV 06612HR	6	66	360	-	186	175	166	188		1	-
07715	ACLPV 07715HR	6	77	490	-	215	170	166	191		1	-
08411	ACLPV 08411HR	6	84	460	-	225	173	195	220		1	-
10011	ACLPV 10011HR	6	100	520	-	225	173	195	220		1	-
11213	ACLPV 11213HR	6	112	610	-	503	98	193	225		1	-
57016	ACLPV 57016HR	12	70	510	-	490	110	195	220		1	-

## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
W2	C2	V2	E2

# WET CHARGED

## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
06612	ACLPV 06612HRN	6	66	360	-	186	175	166	188		1	-
07715	ACLPV 07715HRN	6	77	490	-	215	170	166	191		1	-
08411	ACLPV 08411HRN	6	84	460	-	225	173	195	220		1	-
10011	ACLPV 10011HRN	6	100	520	-	225	173	195	220		1	-
11213	ACLPV 11213HRN	6	112	610	-	503	98	193	225		1	-
14023*	ACLPV 14023N**	6	140	900	M04	257	175	216	235		1	B1
16022*	ACLPV 16022N	6	165	900	M05	328	171	211	233		1	-
22013*	ACLPV 22013N	6	200	1000	M06	393	171	231	231		1	-
57016	ACLPV 57016HRN	12	70	510	-	490	110	195	220		1	-

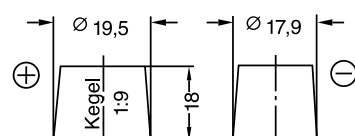
\* polypropylene casing instead of hard rubber casing

\*\* flooded hybrid technology instead of flooded low antimony technology

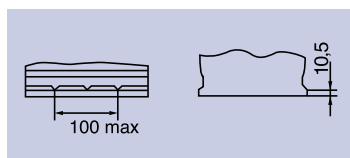
## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
W2	C2	V2	E2

### TERMINAL 1



### HOLD-DOWN B1



## CARE & MAINTENANCE

Maintain your battery with a smart automatic charger by GYS. For CLASSIC batteries we advise the following battery chargers depending on the capacity of your battery (Ah).

Model	Specs	Description	Battery range (Ah)
BATIUM 7-24	6/12/24V 3/7A	GYS smart automatic charger	15-130
BATIUM 15-24	6/12/24V 7/10/15A	GYS smart automatic charger	35-225



# COMMERCIAL AND HEAVY DUTY BATTERIES

DYNAC PROFESSIONAL



[WWW.LANDPORTBV.COM](http://WWW.LANDPORTBV.COM)

# DYNAC PROFESSIONAL

DYNAC Professional is a vast range of batteries for commercial and heavy-duty vehicles including batteries for end-of-frame installation (EURO 6) with highest vibration resistance (V3). DYNAC Professional is the ideal choice for modern vehicles with advanced electrical equipment and high power consumption. Available in series HD, SHD, SMF and EFB ranging from 100Ah to 230Ah.

## ConCast – the latest production technology







Series SHD and SMF are recently improved and produced according to ConCast technology in which optimal quality grids are created. The innovation is that not only the negative grids but also the positive grids are produced with this technology. This innovative method of positive plate production eventually offers premium quality batteries with better cycling ability and longer life expectancy. The product line is fully automated and there is no waste during the production process.

### ConCasted Grid – advantages









- Large contact surface that allows greater usability of the active material.
- High grid strength due to two-stage rolling, immediately after casting.
- High corrosion resistance - a major limiting factor for the robustness of positive grid.
- New improved geometry of the grid for better current output.



## BATTERY SELECTION BY FEATURES

	 VALUE FOR MONEY	 ONBOARD EQUIPMENT LEVEL	 VIBRATION RESISTANCE	 CYCLING CAPABILITY	 STARTING CAPABILITY	 WATER CONSUMPTION
EFB	★★★★★	★★★★★	★★★	★★★★★	★★★★★	very low
SMF	★★★	★★★	★★	★★★	★★★★★	very low
SHD	★★★	★★★	★★	★★★	★★★	low
HD	★★	★★	★★	★★	★★★	low

## BATTERY SELECTION BY VEHICLE

	 LONG-HAUL TRUCK EURO 6	 CITY BUS	 EXPRESS DELIVERY VEHICLES	 MUNICIPAL / EMERGENCY VEHICLES	 COACH	 CONSTRUCTION MACHINES	 TRACTORS / AGRICULTURAL VEHICLES	 OLDER GENERATION COMMERCIAL VEHICLES
EFB	recommended	recommended	recommended	recommended	applicable	applicable	applicable	applicable
SMF	-	-	-	-	applicable	applicable	applicable	applicable
SHD	-	-	-	-	applicable	applicable	applicable	applicable
HD	-	-	-	-	-	-	applicable	applicable

# EFB

## COMMERCIAL AND HEAVY DUTY BATTERIES

### ENHANCED FLOODED BATTERY

Newest EFB technology. Advanced electrical equipment.

Professional EFB is designed with improved casted plates fixed with hot melt resin as well as added polyester scrim and glass fleece to the plates. These result in superb vibration resistance (V3) and cyclability. A specially designed acid circulation system is added to reduce stratification to a minimum which is keeping performance high and extends battery life. Mandatory for modern commercial and heavy-duty vehicles with advanced electrical equipment.



#### FEATURES

**SUPERIOR STARTING POWER**  
**NEW EFB TECHNOLOGY WITH CASTED GRIDS CONSTRUCTION**  
**HIGHEST VIBRATION RESISTANCE V3 > IDEAL FOR END-OF-FRAME INSTALLATION ( EURO6 )**  
**HIGH CYCLING PERFORMANCE AT 50% DOD**  
**ADDED CARBON FIBER ADDITIVES FOR SUPERIOR CHARGE ACCEPTANCE**  
**RELIABLE ENERGY SUPPLY ALSO DURING EXTENDED ENGINE-OFF PERIODS (HOTEL FUNCTION)**  
**MODERN VEHICLES WITH ADVANCED ELECTRICAL EQUIPMENT**

Model	Article number	Voltage (V)	Capacity Ah (20hr)	CCA A (EN)	Box Type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold Down
EFB 685500110	EFB 685500110	12	185	1100	B	513	223	203	223		1	-
EFB 735500125	EFB 735500125	12	235	1250	C	514	276	222	242		1	-



# SMF

## COMMERCIAL AND HEAVY DUTY BATTERIES

### SEALED MAINTENANCE FREE

**Superior starting power. High electrical equipment.**

Professional SMF is produced with an advanced labyrinth system for recombination of gasses which reduces water loss. Its design provides enhanced safety due to integrated flame arrestors and excellent endurance and service life. Ideal for modern commercial and heavy-duty vehicles with high electrical equipment.



#### FEATURES

**SUPERIOR STARTING POWER**

**ADVANCED LABYRINTH SYSTEM > RECOMBINATION OF GASES AND REDUCED WATER LOSS**

**ENHANCED SAFETY**

**EXCELLENT ENDURANCE AND SERVICE LIFE**

**100% MAINTENANCE FREE**

**MODERN VEHICLES WITH HIGH ELECTRICAL EQUIPMENT**



Model	Article number	Voltage (V)	Capacity Ah (20hr)	CCA A (EN)	Box Type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold Down
64020 SMF	LMFV 64020SMF	12	140	760	A	513	189	200	220		1	-
68034 SMF	LMFV 68034SMF	12	180	1000	B	513	223	203	223		1	-
73011 SMF	LMFV 73011SMF	12	230	1150	C	518	276	222	242		1	-



# SHD

## COMMERCIAL AND HEAVY DUTY BATTERIES

### SUPER HEAVY DUTY

**Advanced starting power. Standard electrical equipment.**

Professional SHD is produced with glass fiber separators which offers higher cycling ability. Its design provides enhanced vibration resistance and great endurance and service life. Recommended for commercial and heavy-duty vehicles with standard electrical equipment.



#### FEATURES

**ADVANCED STARTING POWER**  
**GLASS FIBER SEPARATORS > HIGHER CYCLING STABILITY**  
**ENHANCED VIBRATION RESISTANCE**  
**ADVANCED ENDURANCE AND SERVICE LIFE**  
**VEHICLES WITH STANDARD ELECTRICAL EQUIPMENT**

Model	Article number	Voltage (V)	Capacity Ah (20hr)	CCA A (EN)	Box Type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold Down
SHD 62034	ACLPV SHD62034N	12	120	680	A	513	189	200	220		1	-
SHD 63013	ACLPV SHD63013N	12	130	680	MAC143	514	218	210	210		1	-
SHD 63539	ACLPV SHD63539N	12	135	900	MAC110	514	175	210	210		1	B3
SHD 64020	ACLPV SHD64020N	12	140	760	A	513	189	200	220		1	-
SHD 68019	ACLPV SHD68019N	12	180	1000	MAC143	514	218	190	210		1	B3
SHD 68034	ACLPV SHD68034N	12	180	1000	B	513	223	203	223		1	-
SHD 68089*	ACLPV SHD68089	12	180	1000	MAC143	514	218	190	210		1	B3
SHD 73011	ACLPV SHD73011N	12	230	1150	C	514	276	222	242		1	-

\*Dry charged battery instead of wet charged battery

# HD

## COMMERCIAL AND HEAVY DUTY BATTERIES

### HEAVY DUTY

**Reliable starting power. Basic electrical equipment.**

Professional HD is a powerful and reliable starter battery. Its robust design is characterized by a high degree of vibration resistance. Ideal for light commercial and special vehicles (for example the NATO battery for military vehicles) with basic electrical equipment without special requirements in terms of cycling and vibration.



#### FEATURES

**RELIABLE STARTING POWER**  
**WIDE RANGE OF BATTERIES**  
**VEHICLES WITH BASIC ELECTRICAL EQUIPMENT**

Model	Article number	Voltage (V)	Capacity Ah (20hr)	CCA A (EN)	Box Type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold Down
HD 60013	ACLPV HD60013N	12	110	640	NATO	286	260	206	226		1	-
HD 60026	ACLPV HD60026N	12	100	780	E41	404	173	207	226		1	-
HD 60035	ACLPV HD60035N	12	100	780	E41	404	173	207	226		1	-
HD 60527	ACLPV HD60527N	12	105	680	LOT7	345	175	210	230		1	-
HD 60528	ACLPV HD60528N	12	105	680	LOT7	345	175	210	230		1	-
HD 60530	ACLPV HD60530N	12	105	680	LOT7	345	175	210	230		1	B1
HD 61530	ACLPV HD61530N	12	115	800	LOT7	345	175	210	230		1	B1
HD 62512	ACLPV HD62512N	12	125	720	Compact H	345	175	285	285		1	-
HD 62514	ACLPV HD62514N	12	125	720	Compact H	345	175	285	285		1	-
HD 63527	ACLPV HD63527N	12	135	760	F21	360	253	212	232		1	-

# PROFESSIONAL SHD

## AGRICULTURAL AND CONSTRUCTION BATTERIES

### EXTREME STARTING POWER. EXCELLENT VIBRATION RESISTANCE.

Dynac Professional SHD agri & construction is a starter battery specially designed for modern agricultural and construction vehicles. These vehicles demand an ever increasing performance of a battery in terms of starting power and vibration resistance. The robust SHD agri & construction batteries are developed to meet these requirements and deliver outstanding performance and durability. Available in two models of 150Ah and 180Ah.



#### FEATURES

- SUPERIOR STARTING POWER
- EXTREME COLD CRANKING AMPS (CCA)
- EXCELLENT VIBRATION RESISTANCE (V3)
- SPECIFICALLY DESIGNED FOR AGRICULTURAL AND CONSTRUCTION VEHICLES
- AVAILABLE AS 150AH AND 180AH BATTERY

Model	Article number	Voltage (V)	Capacity (Ah/20hr)	CCA A (EN)	Box Type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold Down
SHD 65011	ACLPV SHD65011N	12	150	1150	A	513	189	195	220			-
SHD 68011	ACLPV SHD68011N	12	180	1400	B	513	223	195	220			-

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# MARINE

## LEISURE BATTERIES

**RELIABLE STARTING POWER.  
LIGHT CYCLIC APPLICATIONS.**

Dynac Marine is a starter battery with flooded calcium technology which is designed to perform on the water. This sealed maintenance free battery with V3 vibration resistance is spill-proof and safe in use. Besides starting engines, Dynac Marine is ideal for marine and leisure vehicles with light power consumers such as bow and interior lightning, thrusters and other on-board equipment such as radio and depth gauge. Available in a range of batteries from 120Ah to 225Ah.



### FEATURES






- FLOODED CALCIUM TECHNOLOGY
- RELIABLE STARTING POWER
- SEALED MAINTENANCE FREE (SMF)
- VIBRATION RESISTANCE V3
- SPILL-PROOF, SAFE IN USE
- RECOMMENDED FOR MARINE AND LEISURE VEHICLES WITH LIGHT POWER CONSUMERS.

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# MARINE

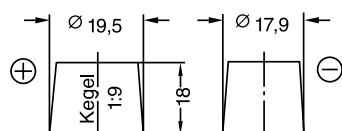
## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah)	CCA A (EN)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
<b>62034</b>	LMFM 62034	12	120	680	A	503	183	193	215		1	-
<b>64020</b>	LMFM 64020	12	140	760	A	503	183	193	215		1	-
<b>66514</b>	LMFM 66514	12	165	900	B	503	219	193	215		1	-
<b>68034</b>	LMFM 68034	12	180	1000	B	503	219	193	215		1	-
<b>72511</b>	LMFM 72511	12	225	1150	C	503	261	217	239		1	-

## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
<b>W3</b>	<b>C2</b>	<b>V3</b>	<b>E1</b>

## TERMINAL 1



## CARE & MAINTENANCE

Maintain your battery with a smart automatic charger by GYS. For MARINE batteries we advise the following battery chargers depending on the capacity of your battery (Ah).

Model	Specs	Description	Battery range (Ah)
<b>BATIUM 15-24</b>	6/12/24V 7/10/15A	GYS smart automatic charger	35-225
<b>BATIUM 25-24</b>	6/12/24V 7/15/25A	GYS smart automatic charger	35-350





# SEMI-TRACTION

## AUTOMOTIVE BATTERIES

**RELIABLE POWER SUPPLY.  
DEEP DISCHARGES UP TO 50%.**

Dynac Semi-Traction is a semi-traction battery which provides energy for onboard energy consumers of motorhomes, caravans and boats or trucks and buses. These onboard energy consumers, such as lighting, refrigerators and onboard computers or tail lifts, demand massive cyclic performance of a battery. Dynac Semi-Traction is resistant to deep discharges up to 50% and is suitable for seasonal use. Ideal for leisure vehicles with light to medium power consumers. Available in a range of 12V batteries from 50Ah to 230Ah in series wet charged and sealed maintenance free (SMF).



### FEATURES

- RELIABLE POWER SUPPLY
- DEEP DISCHARGES UP TO 50%
- IDEAL FOR SEASONAL USE
- AVAILABLE AS WET CHARGED OR SEALED MAINTENANCE FREE (SMF)
- RECOMMENDED FOR LEISURE VEHICLES WITH LIGHT TO MEDIUM POWER CONSUMERS

+

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# WET CHARGED

## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah/20hr)	Capacity (Ah/5hr)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
95406	STV 95406N	12	50	40	L1	210	175	190	190		1	B3
95804	STV 95804N	12	105	85	Compact L	345	175	230	230		1	-
96002	STV 96002N	12	125	100	Compact H	345	175	285	285		1	-
96051	STV 96051N	12	130	105	A	513	189	203	223		1	-
96351	STV 96351N	12	180	135	B	513	223	203	223		1	-
96801	STV 96801N	12	230	180	C	518	274	222	242		1	-

## BATTERY CLASSIFICATIONS AS PER EN 50342-6

Water consumption	Charge retention	Vibration resistance	Endurance level
W2	C2	V1	E2

# SMF

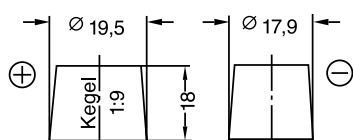
## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah/20hr)	Capacity (Ah/5hr)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
95502	STV 95502SMF	12	60	50	L2	242	175	190	190		1	B3
95602	STV 95602SMF	12	75	60	L3	278	175	190	190		1	B3
95752	STV 95752SMF	12	90	75	L5	353	175	190	190		1	B3
24DC	STV 24DC	12	75	60	24	260	172	200	223		Dual	B1
27DC	STV 27DC	12	90	72	27	303	172	200	223		Dual	B1
31DC	STV 31DC	12	105	84	31	330	172	217	238		Dual	-

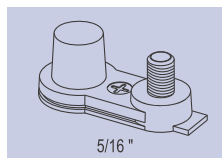
## BATTERY CLASSIFICATIONS AS PER EN 50342-6

	Water consumption	Charge retention	Vibration resistance	Endurance level
SMF	W2	C2	V1	E2
DC	W4	C2	V2	E1

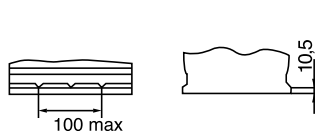
### TERMINAL 1



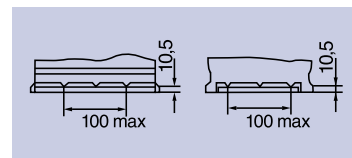
### TERMINAL DUAL



### HOLD-DOWN B1



### HOLD-DOWN B3



## CARE & MAINTENANCE

Maintain your battery with a battery charger by SC Power or GYS. For SEMI-TRACTION batteries we advise the following battery chargers depending on the capacity of your battery (Ah).

Model	Specs	Description	Battery range (Ah)
SC70	12V 1.8/7A	SC Power premium smart charger - 9 phases (OBDII)	12-120
SC120	12V 3.8/12A	SC Power premium smart charger - 9 phases (OBDII)	20-180
BATIUM 15-24	6/12/24V 7/10/15A	GYS smart automatic charger	35-225



# DEEP CYCLE

## DEEP CYCLE BATTERIES

**EXTREME POWER SUPPLY.  
DEEP DISCHARGES UP TO 80%.**

Dynac Deep Cycle is suitable for deep cycle applications due to an extreme cyclic stability. The robust character of these batteries makes them resistant to deep discharges up to 80%! Outstanding performance and durability makes Dynac Deep Cycle the ideal choice for industrial applications such as aerial platforms, scissor lifts, forklifts, sweepers, golf carts and traffic support as well as marine and leisure vehicles with medium to high power consumers. Available in a range of 6V/8V/12V batteries up to 360Ah in series Deep Cycle, AGM and Tubular.



### FEATURES

- EXTREME POWER SUPPLY
- DEEP DISCHARGES UP TO 80%
- EXTREME CYCLE STABILITY
- RECOMMENDED FOR INDUSTRIAL APPLICATIONS AND MARINE AND LEISURE VEHICLES.
- AVAILABLE AS DEEP CYCLE, AGM OR TUBULAR BATTERIES

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# DEEP CYCLE

## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah/20hr)	Capacity (Ah/5hr)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
M6V 105	DC M6V 105	6	225	185	GC2	261	181	276	276		Dual	-
M6V 305	DC M6V 305	6	350	287	902	311	180	365	365		Dual	-
M8V 875	DC M8V 875	8	175	145	GC8	261	181	276	276		Dual	-

# AGM

## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah/100hr)	Capacity (Ah/5hr)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
GF6210	DC GF6210	6	213*	185	-	260	180	252	274		Dual	-
DTA6245	DC DTA6245	6	245*	221	-	243	188	275	275		T11	-
DC AGM 65	DC AGM 65	12	65	45	L2	242	175	190	190		1	B3
DC AGM 75	DC AGM 75	12	75	52	L3	278	175	190	190		1	B3
DC AGM 95	DC AGM 95	12	95	67	L5	353	175	190	190		1	B3
DC AGM 105	DC AGM 105	12	105	85	C90	345	175	210	230		1	B3
DC AGM 140	DC AGM 140	12	140	110	A	513	189	203	223		1	-
DC AGM 170	DC AGM 170	12	170	130	B	513	223	203	223		1	-
DC AGM 195	DC AGM 195	12	195	145	C	518	274	222	242		1	-
DC AGM 220	DC AGM 220	12	220	170	C	518	274	222	242		1	-

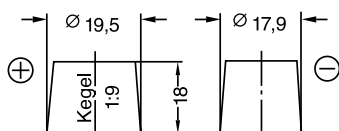
\*Capacity (Ah/20hr)

# TUBULAR

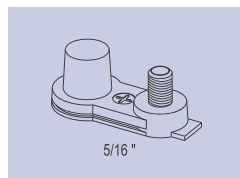
## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah/20hr)	Capacity (Ah/5hr)	Box type	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
6PZS 195	TB 6PzS 195	6	250	185	-	245	190	285	285		1	-
4PZS 110	TB 4PzS 110	12	158	120	-	343	175	260	285		1	-

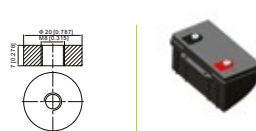
### TERMINAL 1



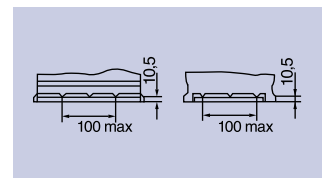
### TERMINAL DUAL



### TERMINAL T11



### HOLD-DOWN B3



## CARE & MAINTENANCE

Maintain your battery with a high frequency battery charger by SPE. For DEEP CYCLE batteries we advise the following battery chargers depending on the capacity of your battery (Ah).

Model	Specs	Description	Battery range (Ah)
CBHD1 2-6	12/24V 2.5/5A	SPE high frequency battery charger	7-70
CBHF1-SM 4-12	12/24V 4/8/10/12A	SPE high frequency battery charger	20-150
CBHF2 15-30	12/24/36/48V 15/20/25/30A	SPE high frequency battery charger	75-400



# GEL

## GEL BATTERIES

### POWERFUL POWER SUPPLY. DEEP DISCHARGES UP TO 75-80%.

Dynac Gel is a gel battery which provides energy for deep cycle applications. These gel batteries are completely sealed, 100% maintenance free, leak-proof, and have a low self-discharge. Dynac Gel offers long service life, excellent vibration resistance and is resistant to deep discharges up to 75-80%. Ideal for aerial platforms, scissor lifts, forklifts, sweepers, golf carts and electric wheelchairs, but also motorhomes, caravans and boats. Available in a range of 6V/12V batteries from 16Ah to 210Ah.



#### FEATURES

- GEL TECHNOLOGY
- POWERFUL POWER SUPPLY
- DEEP DISCHARGES UP TO 75-80%
- LONG SERVICE LIFE
- EXCELLENT VIBRATION RESISTANCE
- COMPLETELY SEALED, 100% MAINTENANCE FREE
- VERY LOW SELF-DISCHARGE
- RECOMMENDED FOR DEEP CYCLE APPLICATIONS















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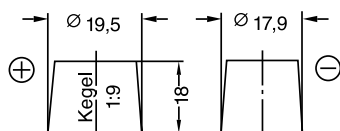


# GEL

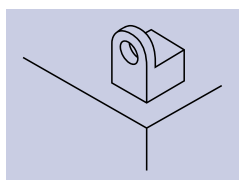
## MODELS & SPECIFICATIONS

Model	Article number	Voltage (V)	Capacity (Ah/20hr)	Capacity (Ah/5hr)	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Layout	Terminal	Hold-down
GB 180/6	GB 180/6	6	180	160	244	190	275	275		1	-
GB 016	GB 016	12	16	14	181	76	167	167		B	-
GB 019	GB 019	12	19	16	185	80	170	170		B	-
GB 025	GB 025	12	24	20	176	167	126	126		B	-
GB 030	GB 030	12	30	25	197	132	180	180		B	-
GB 040S	GB 040S	12	40	33	210	175	175	175		1	B4
GB 060	GB 060	12	60	51	278	175	190	190		1	-
GB 080	GB 080	12	80	65	353	175	190	190		1	B3
GB 085	GB 085	12	85	72	330	171	236	236		1	-
GB 110	GB 110	12	115	94	286	269	230	230		1	-
GB 120	GB 120	12	120	110	513	189	223	223		1	-
GB 120S	GB 120S	12	125	105	345	175	290	290		1	-
GB 140	GB 140	12	140	120	513	223	223	223		1	-
GB 210	GB 210	12	210	160	518	276	242	242		1	-

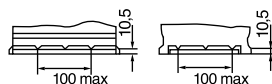
### TERMINAL 1



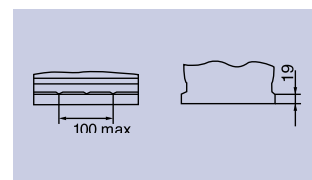
### TERMINAL B



### HOLD-DOWN B3



### HOLD-DOWN B4



## CARE & MAINTENANCE

Maintain your battery with a high frequency battery charger by SPE. For GEL batteries we advise the following battery chargers depending on the capacity of your battery (Ah).

Model	Specs	Description	Battery range (Ah)
CBHD1 2-6	12/24V 2.5/5A	SPE high frequency battery charger	7-70
CBHF1-SM 4-12	12/24V 4/8/10/12A	SPE high frequency battery charger	20-150
CBHF2 15-30	12/24/36/48V 15/20/25/30A	SPE high frequency battery charger	75-400

