

# **SUPERCHARGE<sup>®</sup>** **BATTERIES** MORE POWER. LONGER LIFE



**AUTOMOTIVE  
BATTERIES**

**MORE POWER. LONGER LIFE. ASSURED QUALITY.**



# AUTOMOTIVE BATTERIES

SuperCharge Batteries offer longer life, more power and performance with maximum durability and reliability.

With over 95 years experience, Ramcar produces SuperCharge in its world-class facilities in the Philippines. We are the first to introduce industry leading 36 month warranty on our Gold product and now 40 months with our GoldPlus.

SuperCharge maintenance-free automotive batteries are designed using advanced Expanded Grid Technology (EXG) to withstand the extreme driving conditions in Australia. The automotive battery range offers a wide range of applications for makes including Japanese, American and European models.

What is so special about EXG? The benefits are many. The construction of the calcium plates in super compressed rolled strips creates a dense grid pattern allowing for a more compact unit. It is less susceptible to heat corrosion and delivers more efficient cranking power. Also, as the EXG plates are shorter and have minimal gassing, there is less water loss and no acid top up is required.

SuperCharge Batteries have gone further by introducing Optimal Plate Technology (SNT) which is included in our new GoldPlus product range. SNT optimises our plate performance through a special mix of Lead-Calcium-Tin alloy and paste additive that promotes uniform plate structure delivering consistent reliable capacity. SNT also works with our existing EXG high quality grids to improve corrosion and creep resistance to extend the life of the battery.

## GoldPlus Sealed Expanded Calcium MF

- Top of the line
- Sealed maintenance-free
- Superior starting power and reserve capacity
- Up to 40 months warranty



## SilverPlus Sealed Expanded Calcium MF

- Sealed maintenance-free
- Exceptional starting power and reserve capacity
- Up to 30 months warranty



## PowerStation

- Reliable starting power
- Performance proven technology
- Up to 24 months warranty



\*Warranty conditions apply.



## MAINTENANCE-FREE SEALED COVER DESIGN

- 1 **Foldable Handles** for ease of handling and installation.
- 2 **Hydroeye™** indicates state of charge.
- 3 **Porex Technology**, an advance breather system to help prevent pressure build-up inside the battery and helps minimise the risk of explosion from externally generated sparks.
- 4 **Liquid Gas Separator Design** allows recirculation of acid back into the battery reducing the risk of acid starvation.
- 5 **Advanced Polypropylene Casing**, computer controlled heat injected, light weight plastic resin, moulded to improve impact resistance.

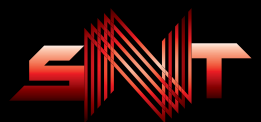
## LEADING ENABLING TECHNOLOGY

- 6 **Polyethylene Envelope Separators** provide enhanced cranking power through minimised electrical resistance and longer life through better puncture and tear resistance.

- 7 **Proprietary Paste Formulation**, developed and designed to deliver more cranking and reserve capacity per gram of active material using controlled processes ensuring longer lasting and consistent high quality plates. For our GoldPlus range we added SNT technology to optimise plate performance through a special mix of Lead-Calcium-Tin alloy and paste additive that helps deliver even more consistent, reliable capacity.
- 8 **Expanded Lead-Calcium-Tin Grids**
  - High density grids to provide superior performance against corrosion and overcharging.
  - Interlocking grid design to provide exceptional active paste material adhesion.
  - Calcium (Ca) alloy to provide very low self-discharge and prevent excessive gassing and thermal runaway plus Tin (Sn) alloy to improve charging capability.
  - For our GoldPlus range, SNT also works with our existing EXG high quality grids to improve corrosion and creep resistance to extend the life of the battery.



EXPANDED GRID TECHNOLOGY  
EXTRA POWER • EXTENDED LIFE



OPTIMAL PLATE TECHNOLOGY  
EXTRA POWER • EXTENDED LIFE



# AUTOMOTIVE BATTERIES

**SUPERCHARGE®**  
**BATTERIES**  
MORE POWER. LONGER LIFE

## GoldPlus

Type	Nominal Voltage V	CCA @ [-18°C]	RC @ 25°C	AH	Overall Dimension (mm)				Wet Weight [kg]	Assembly	Post Type	Other Features	Warranty
					L	W	H	TH					
Popular Auto													
MF43	12	410	60	46	238	138	186	212	12.8	H	DFP	CV,EL,FDH,HE	40
MF50	12	650	107	59	237	171	182	203	15.6	D	STD	CV,EL & FL,FDH,HE	40
MF51	12	650	107	59	237	171	182	208	15.7	C	DFA	CV,EL & FL,FDH,HE	40
MF52	12	650	107	59	237	171	182	208	15.7	C	DFP	CV,EL & FL,FDH,HE	40
MF53	12	650	107	59	228	171	182	203	15.6	C	STD	CV,FL,FDH,HE	40
Japanese Automotive													
MF40B20	12	390	63	37	196	128	199	219	9.6	D	PT	CV,NL,FDH,HE	40
MF40B20L	12	390	63	37	196	128	199	219	9.6	C	PT	CV,NL,FDH,HE	40
MF40B20ZA	12	390	63	37	196	128	199	219	9.7	D	STD	CV,NL,FDH,HE	40
MF40B20ZAL	12	390	63	37	196	128	199	219	9.7	C	STD	CV,NL,FDH,HE	40
MF50D20L	12	460	80	50	200	174	200	221	14.4	C	STD	CV,FL,FDH,HE	40
MF55B24R	12	490	75	49	236	128	199	219	12.1	D	PT	CV,NL,FDH,HE	40
MF55B24L	12	490	75	49	236	128	199	219	12.1	C	PT	CV,NL,FDH,HE	40
MF55B24RS	12	490	75	49	236	128	199	219	12.2	D	STD	CV,NL,FDH,HE	40
MF55B24LS	12	490	75	49	236	128	199	219	12.2	C	STD	CV,NL,FDH,HE	40
MF75D23R	12	630	120	61	233	173	201	222	16.1	D	STD	CV,FL,FDH,HE	40
MF75D23L	12	630	120	61	233	173	201	222	16.1	C	STD	CV,FL,FDH,HE	40
European Automotive													
MF44	12	510	70	47	214	175	175	175	12.7	C	STD	CV,EL & FL,FDH,HE	40
MF44H	12	420	72	45	214	175	190	190	12.3	C	STD	CV,EL & FL,FDH,HE	40
MF55	12	590	100	55	242	175	175	175	14.3	C	STD	CV,EL & FL,FDH,HE	40
MF55R	12	590	100	55	242	175	175	175	14.3	D	STD	CV,EL & FL,FDH,HE	40
MF55H	12	600	115	67	242	175	190	190	15.4	C	STD	CV,EL & FL,FDH,HE	40
MF66	12	720	120	68	277	175	175	175	17.1	C	STD	CV,EL & FL,FDH,HE	40
MF66R	12	720	120	68	277	175	175	175	17.1	D	STD	CV,EL & FL,FDH,HE	40
MF66H	12	750	154	91	277	175	190	190	19.0	C	STD	CV,EL & FL,FDH,HE	40
MF66HR	12	750	154	91	277	175	190	190	19.0	D	STD	CV,EL & FL,FDH,HE	40
MF77	12	750	140	77	315	175	175	175	20.5	C	STD	CV,EL & FL,FDH,HE	40
MF77H	12	780	160	91	315	175	190	190	21.9	C	STD	CV,EL & FL,FDH,HE	40
MF77HRX	12	915	165	110	315	175	190	190	21.1	D	STD	CV,EL & FL,FDH,HE	36
MF88	12	810	150	98	351	175	175	175	22.1	C	STD	CV,EL & FL,FDH,HE	40
MF88H	12	900	160	88	351	175	190	190	24.1	C	STD	CV,EL & FL,FDH,HE	36
US Automotive													
MF58	12	540	90	51	250	182	155	175	13.1	D	STD	CV,FL,FDH,HE	40
MF58R	12	540	90	51	250	182	155	175	13.1	C	STD	CV,FL,FDH,HE	40
MF65	12	780	140	78	286	189	172	192	18.9	D	STD	CV,FL,FDH,HE	36
MF78	12	760	120	73	258	171	183	183	19.8	D	ST	CV,FL,FDH,HE	36
MF78-DT	12	760	120	73	258	171	183	204	19.8	H	DT	CV,FL,FDH,HE	36
4WD Applications													
MF80D26R	12	720	130	79	259	174	202	223	19.2	D	STD	CV,FL,FDH,HE	36
MF80D26L	12	720	130	79	259	174	202	223	19.2	C	STD	CV,FL,FDH,HE	36
MF95D31R	12	810	175	91	304	174	203	224	22.2	D	STD	CV,FL,FDH,HE	36
MF95D31L	12	810	175	91	304	174	203	224	22.2	C	STD	CV,FL,FDH,HE	36





# AUTOMOTIVE BATTERIES



## SilverPlus

TYPE	NOMINAL VOLTAGE V	CCA @ [-18°C]	RC @ 25°C	AH	OVERALL DIMENSION (mm)				WET WEIGHT (kg)	ASSEMBLY	POST TYPE	OTHER FEATURES	WARRANTY
					L	W	H	TH					
POPULAR AUTO													
SMF43	12	320	43	35	238	138	186	212	12.8	H	DFP	CV,EL,FDH,HE	30
SMF57	12	550	95	50	237	171	182	203	14.6	D	STD	CV,EL &FL,FDH,HE	30
SMF58	12	550	95	50	237	171	182	208	14.7	C	DFP	CV,EL &FL,FDH,HE	30
SMF58VT	12	550	95	50	228	171	182	203	14.6	C	STD	CV,FL,FDH,HE	30
JAPANESE AUTO													
SMFNS40ZLX	12	330	55	36	196	128	199	219	9.2	C	PT	CV,NL,FDH,HE	30
SMFNS40ZALX	12	330	55	36	196	128	199	219	9.3	C	STD	CV,NL,FDH,HE	30
SMFNS60RS	12	380	65	40	236	128	199	219	10.6	D	STD	CV,NL,FDH,HE	30
SMFNS60LS	12	380	65	40	236	128	199	219	10.6	C	STD	CV,NL,FDH,HE	30
SMF55D23R	12	530	111	57	233	173	201	222	15.3	D	STD	CV,FL,FDH,HE	30
SMF55D23L	12	530	111	57	233	173	201	222	15.3	C	STD	CV,FL,FDH,HE	30
EUROPEAN AUTO													
SMF53L	12	530	90	51	242	175	175	175	14.1	C	STD	CV,EL &FL,FDH,HE	30
SMF65L	12	640	110	60	277	175	175	175	16.2	C	STD	CV,EL &FL,FDH,HE	30
SMF66H	12	680	120	77	277	175	190	190	16.2	C	STD	CV,EL &FL,FDH,HE	30
SMF85L	12	760	140	72	351	175	175	175	17.6	C	STD	CV,EL &FL,FDH,HE	30
4WD APPLICATIONS													
SMFNS70X	12	620	110	68	259	173	202	223	16.0	D	STD	CV,FL,FDH,HE	30
SMFNS70LX	12	620	110	68	259	173	202	223	16.0	C	STD	CV,FL,FDH,HE	30
SMFN70ZZX	12	720	160	79	304	173	203	224	17.7	D	STD	CV,FL,FDH,HE	30
SMFN70ZZLX	12	720	160	79	304	173	203	224	17.7	C	STD	CV,FL,FDH,HE	30

## PowerStation

TYPE	NOMINAL VOLTAGE V	CCA @ [-18°C]	RC @ 25°C	AH	OVERALL DIMENSION (mm)				WET WEIGHT (kg)	ASSEMBLY	POST TYPE	OTHER FEATURES	WARRANTY
					L	W	H	TH					
POPULAR AUTOMOTIVE													
PSNS50P	12	480	75	41	237	171	182	203	14.7	D	STD	CV,EL&FL,FDH,HE	24
PSNS50PL	12	480	75	41	237	171	182	208	14.7	C	DFP	CV,EL&FL,FDH,HE	24
JAPANESE AUTOMOTIVE													
PSNS40ZL	12	300	45	29	196	128	199	219	8.9	C	PT	CV,NL,FDH,HE	24
PSNS40ZAL	12	300	45	29	196	128	199	219	8.9	C	STD	CV,NL,FDH,HE	24
PSNS55D23R	12	500	85	51	233	173	201	222	15.3	D	STD	CV,FL,FDH,HE	24
PSNS55D23L	12	500	85	51	233	173	201	222	15.3	C	STD	CV,FL,FDH,HE	24
EUROPEAN AUTOMOTIVE													
PSN55	12	480	80	43	242	175	175	175	13.0	C	STD	CV,EL&FL,FDH,HE	24
PSN66	12	550	100	51	277	175	175	175	15.6	C	STD	CV,EL&FL,FDH,HE	24
4WD APPLICATIONS													
PSNS70	12	500	95	51	259	173	202	223	16.0	D	STD	CV,FL,FDH,HE	24
PSNS70L	12	500	95	51	259	173	202	223	16.0	C	STD	CV,FL,FDH,HE	24
PSN70ZZ	12	600	130	68	304	173	203	224	19.4	D	STD	CV,FL,FDH,HE	24
PSN70ZZL	12	600	130	68	304	173	203	224	19.4	C	STD	CV,FL,FDH,HE	24

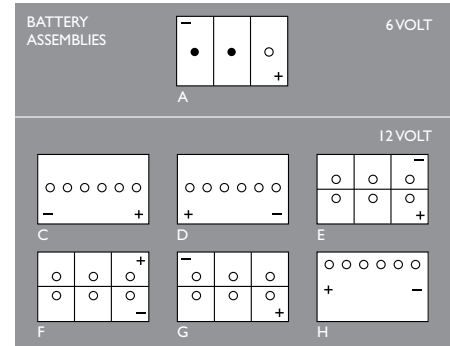
# SUPERCHARGE<sup>®</sup>

## BATTERIES

MORE POWER. LONGER LIFE

### ABBREVIATIONS & BATTERY ASSEMBLIES

CT	Centered Terminals	OLT	Offset Lug Terminal
CV	Central Venting	PT	Pencil Terminal
DFA	Dual Fit Aligned Terminals	RPH	Rope Handles
DFP	Dual Fit Parallel Terminals	RT	Recessed Terminal
DST	Dual System Terminals	RTH	Retractable Handles
EL	End Ledge	ST	Side Terminal
FDH	Fold Down Handles	STD	Standard Terminal
FL	Front Ledge	TM	Twin Marine Terminal - Type M
HE	Hydrometer Eye	TS	Top Stud Terminal



### TAKE CARE OF YOUR ENVIRONMENT

- Batteries drive our world and are a crucial part of today's society. When they are no longer useful, they are 98% recyclable.
- SuperCharge Batteries operates a TOTAL BATTERY MANAGEMENT program that collects and re-uses batteries, delivering an unmatched recycling program.

Help SuperCharge Batteries protect Mother Earth by leaving any used batteries wherever you see this symbol.

To find your nearest collection centre, visit our website or call SuperCharge to arrange recycling of your old battery.

### TRADE PARTNERSHIP TO BATTERY COLLECTION

Trade customers workshops can now join a responsible battery collection and recovery program with the following benefits:

- All brands of vehicle batteries can be collected
- Compliance to government regulation and duty of care
- Complete compliance through our responsible disposal system
- Compliance documentation available at time of collection
- Regular collection of batteries
- Provision of RCR - Responsible Care Receptacle (Conditions apply)
- Payment on returns by way of credit against current and future SuperCharge battery purchases
- Payment by EFT for all batteries collected within a month to be within the first two weeks of the following month
- An extension of service to your customers
- Encourages customers to return to your store resulting in additional sales opportunities

**Please note:** No batteries will be resold for reuse



BETTER, SMARTER, MORE EFFICIENT COLLECTION AND RECOVERY MEANS A MORE SUSTAINABLE, ENVIRONMENTALLY FRIENDLY, LONG-TERM SOLUTION.

[www.supercharge.com.au](http://www.supercharge.com.au)

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