

بطارية قابلة للشحن  
**Automotive Battery**

# SAT POWER

# SAT POWER

- **Automotive Batteries**
- **UPS Batteries**
- **Motorcycle Batteries**
- **Golf Cart Batteries**



◆ SATELLITES TRADING ESTABLISHMENT  
KING ABDULLAH STRETCROSS 4TH  
P.O. BOX 171 Al Khobar 31952 - Saudi Arabia

PRODUCT STRUCTURE



- 1 Expanded grid**  
New lead-calcium design, water-loss and self-discharge rates are minimized, long cycle life.
- 2 Plate**  
Expanded grid, the most advance automatic technology worldwide, central lug, lead-calcium alloy plate. Special lead lump formula, excellent performance on high rate discharge and charge acceptance.
- 3 PE bag separator**  
Imported PE bag shape separator, high micro pore rate and small aperture, low internal resistance, good for high rate discharging
- 4 COS plate welding**  
High cranking performance and resistance to vibration
- 5 Terminal**  
Made by high intensity lead alloy, anti mechanical damage, good conductivity, suitable for high rate discharging

- 6 Strap and Lead part for welding**  
Parts are cast and weld with high conductivity lead alloy, using TTP welding technology, excellent performance on high rate startup.
- 7 Magic-Eye indicator**  
Build in indicator, display the charge status. Easy to check charging-state.
- 8 Battery lid**  
Unique acid circumfluence and air exhaust design minimize the water volatilization, prolong battery life time
- 9 Heat seal technology**  
Heat sealed design to maximum strength and liquid electrolyte to the battery.
- 10 PP ENCLOSURE**  
Polypropylene injection molding, high intension, smooth and clear surface. Anti shock and vibration structure design.

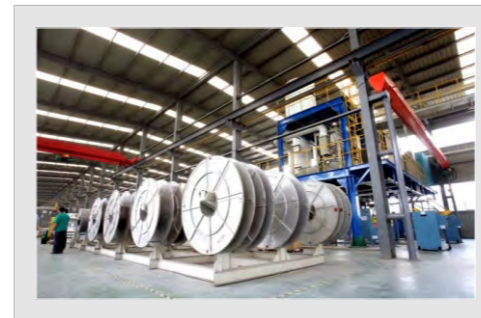
ADVANCED TECHNOLOGY



Strap casting production line



Strap stacking equipment



Lead strap



Grid expander line



Continuous pasting production line



Automatic enveloping



Automatic COS equipment



Automatic assembly & online testing

# SATPOWER BATTERY

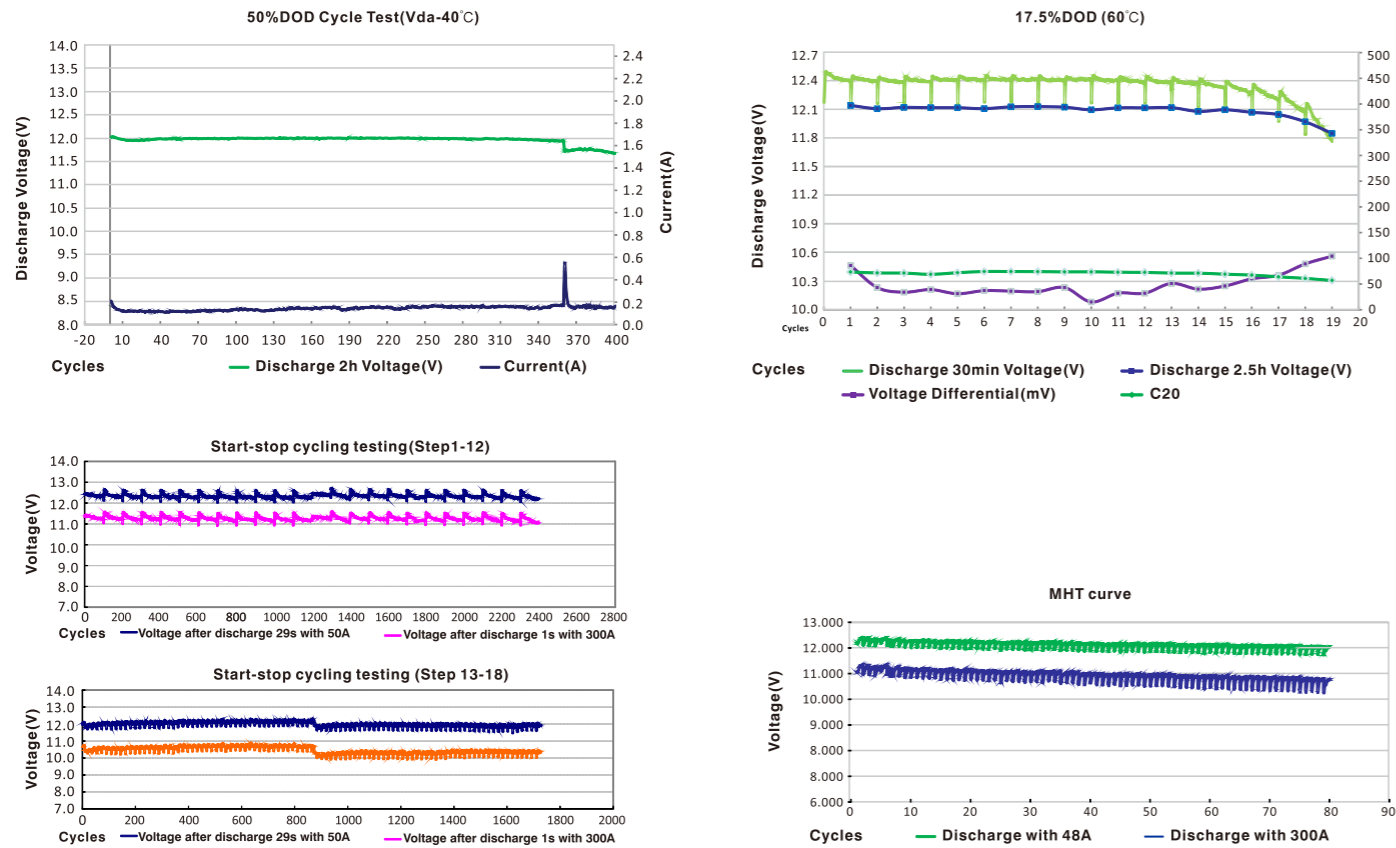


## SPECIFICATION

Model Number	Capacity (Ah)	RC	CCA	Maximum Overall Dimension (mm)				Cell Layout	Terminal	Hold Down	Handle
				L	W	H	TH				
CMF220	220	440	1313	521	261	217	240.5	3	1	B0	TS8
CMF200L	200	430	1000	521	261	217	240.5	4	1	B0	TS8
CMF200	200	430	1000	521	261	217	240.5	3	1	B0	TS8
CMF180	180	320	1090	510	222	196	217	3	1	B0	TS8
CMF150L	150	300	950	510	222	196	217	3	1	B0	TS8
CMF150	150	300	950	510	222	196	217	4	1	B0	TS8
CMF120	120	230	800	504	183.5	200	223	4	1	B0	TS8
CMFN100	100	185	750	408	170	209	233	1	1	B0	TS8
CMFN100L	100	185	750	408	170	209	233	0	1	B0	TS8
CMF60032	100	170	800	303	170	201	222	0	1	B1	TS1
CMF60033	100	170	800	303	170	201	222	1	1	B1	TS1
105D31L	90	160	680	303	170	201	222	0	1	B1	TS1
105D31R	90	160	680	303	170	201	222	1	1	B1	TS1
80D26L	70	110	550	259	174.8	200	221	0	1	B01	TS1
80D26R	70	110	550	259	174.8	200	221	1	1	B01	TS1
CMF57029	70	120	550	259	174.8	200	221	0	1	B01	TS1
CMF57024	70	120	550	259	174.8	200	221	1	1	B01	TS1
NS60L	45	75	325	236	128	200	222	0	1	B0	TS1
CMF60038	100	170	650	351	174	188	188	0	1	B13	TS6
CMF58014	75	140	770	314	174	174	174	0	1	B13	TS6
CMF57412	74	135	680	278	175	190	190	0	1	B13	TS6
CMF56638	66	110	500	278	175	190	190	0	1	B13	TS6
CMF55530	55	90	525	278	175	190	190	0	1	B13	TS2
CMF54459	44	80	400	207	175	190	190	0	1	B13	TS2
48D26L	50	112	350	259	174.8	200	221	0	1	B01	TS1
48D26R	50	81	350	259	174.8	200	221	1	1	B01	TS1
55D23L	60	112	490	231.5	174.5	202	223	0	1	B1	TS1
CMF65-850	85	160	850	298	190	172	192	1	1	B01	TS4
NS40ZL	35	54	335	195	126	201	222	0	3	B0	TS1
N40L	40	61	400	236	128	200	222	0	3	B0	TS1
NS40	32	47	310	195	126	201	222	1	3	B0	TS1
CMF56219	60	98	525	242	175	190	190	0	1	B13	TS2



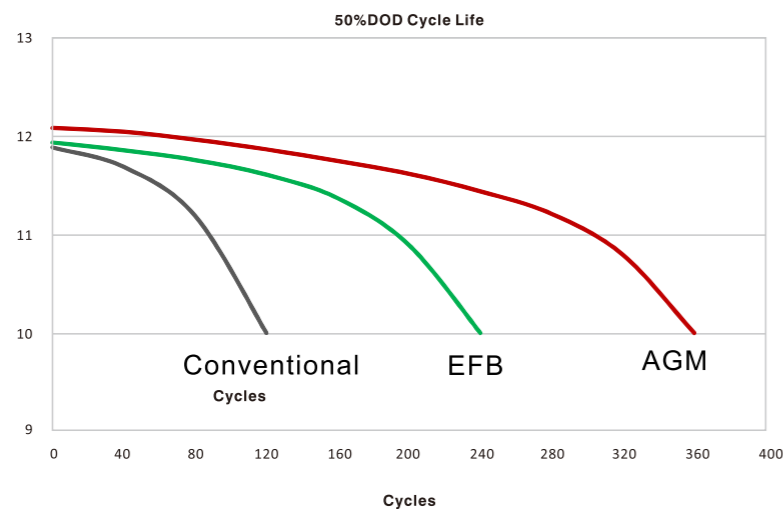
### SATPOWER BATTERY KEY PERFORMANCE TEST CHART (I.E.: AGM H6)



### TERMINAL

<b>Terminal 1</b>  POS NEG	<b>Terminal 3</b>  POS NEG	<b>Terminal 4</b>  POS NEG
<b>Terminal 5</b>  POS NEG	<b>Terminal 11</b>  POS NEG	<b>Terminal 12</b>  POS NEG
<b>Terminal 13</b>  POS NEG	<b>Terminal 19</b>  POS NEG	<b>Terminal 20</b>  POS NEG

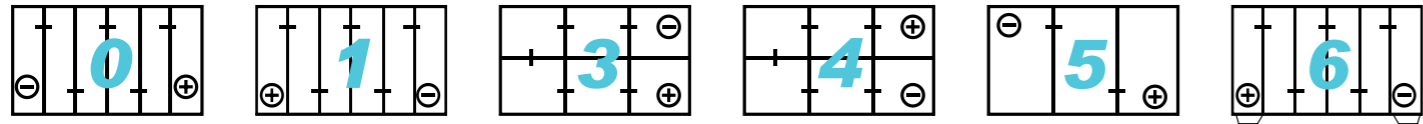
### A TYPICAL CHART TO SHOW THE DIFFERENCES BETWEEN DIFFERENT TECHNOLOGIES



### HOLD DOWN

<b>B0</b>  POS NEG	<b>B1</b>  POS NEG	<b>B4</b>  POS NEG
<b>B9</b>  POS NEG	<b>B13</b>  POS NEG	

**LAY-OUT**



**HANDLES**

<p>■ TS1</p>	<p>■ TS2</p>	<p>■ TS3</p>
<p>■ TS4</p>	<p>■ TS5</p>	<p>■ TS6</p>
<p>■ TS7</p>	<p>■ TS8</p>	<p>■ TS9</p>



**SATPOWER FULLY RESPONDS TO SOCIAL RESPONSIBILITY.**

Satpower core values include a high degree of ecological awareness and the meeting of its responsibilities to customers, employees, sub-contracted collaborates and the environment. Therefore, the company builds on production processes with very low environmental impact, the economic use of energy and raw materials, a closed product cycle from manufacture to recycling, and continual improvements aimed at the minimization or avoidance of pollution.

