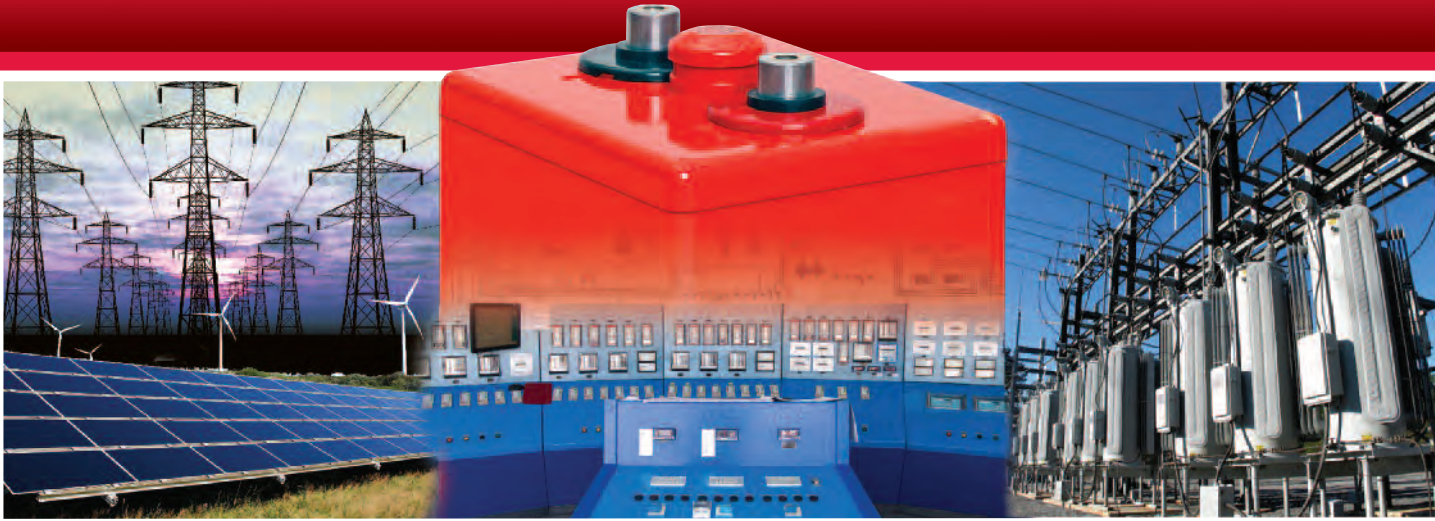




Smart decisions



Tried and tested  
stored energy solutions

for the Power and  
Utility Industry





## Smart decisions



### Powerful solutions for a challenging world

With 125 years' experience in battery manufacturing, EnerSys® is the proven leader and innovator in reserve power batteries. EnerSys offers customer-centric solutions for power generation industries worldwide.

When constantly evolving technologies require a rapid response to changes in technical requirements, EnerSys is the first to react.

Our extensive product range serves a variety of reserve power applications, delivering the most effective, powerful and reliable batteries available.

The PowerSafe® brand offers ideal solutions to the power and utilities markets, offering reliability with proven long life service, even in the harshest environments.

Together with our customers we effect smart decisions which combine our expertise and service with leading products resulting in the most effective, powerful and reliable energy storage technology available.

# EnerSys provides reliable energy storage solutions for the power and utilities industry





# energy storage solutions industry



## PowerSafe® SBS EON Technology®

- Capacity range: 7 - 900Ah (C<sub>10</sub>/1.80Vpc/20°C)
- Specifically developed for harsh environments and cyclic applications
- High energy density
- Up to 2 year shelf life (20°C)



## PowerSafe® V

- Capacity range: 30 - 518Ah (C<sub>10</sub>/1.80Vpc/20°C)
- Choice of front and top terminal designs
- 2V, 4V, 6V & 12V models available
- Proven long service life



### PowerSafe® DDm

- Up to 2000Ah in a single cell
- Excellent design life
- Choice of conventional, anti-shock and seismic stands
- Total front access for easy maintenance



### PowerSafe® Vb

- Capacity range: 275 – 2400Ah ( $C_{10}/1.80V_{pc}/20^{\circ}C$ )
- Large choice of 2V single cells
- 25 year service life in standby applications ( $20^{\circ}C$ )
- Water topping-up interval about 5 years in standby operation mode ( $20^{\circ}C$ )



### PowerSafe® OPzV

- Capacity range: 215 - 3170Ah ( $C_{10}/1.80V_{pc}/20^{\circ}C$ )
- Excellent deep discharge recovery and cyclability
- Superior operational safety
- Easy and flexible installation: vertical or horizontal position
- Very low maintenance: no water addition



### PowerSafe® OPzS

- Large capacity range: 216 – 3360Ah ( $C_{10}/1.80V_{pc}/20^{\circ}C$ )
- 20 year design life ( $20^{\circ}C$ )
- High operational reliability
- Low maintenance: 3 year topping-up interval



Our extensive product portfolio is completed by the specialist PowerSafe® Ni-Cd, OP and Planté battery ranges.

More details on [www.enersys-emea.com](http://www.enersys-emea.com)

Stabilise your power grid with OptiGrid.®

Find out more at [www.optigrd.enersys.com](http://www.optigrd.enersys.com)



## PowerSafe® SBS EON Technology®

PowerSafe SBS EON Types	Nominal voltage (V)	Nominal Capacity (Ah) $C_{10} / 1.80V_{pc}$ @ 20°C	Length (mm)	Width (mm)	Height (mm)
SBS B14	12	62	280	97	264
SBS B14F	12	62	303	97	264
SBS C11	12	92	395	105	264
SBS C11F	12	92	417	105	256
SBS 100	12	100	395	108	287
SBS 100F	12	100	395	108	287
SBS 170F	12	170	561	125	283
SBS 190F	12	190	561	125	316
SBS 410	2	410	200	208	239
SBS 320	2	320	103	206	403
SBS 400	2	400	124	206	403
SBS 480	2	480	145	206	403
SBS 580	2	580	124	206	520
SBS 680	2	680	145	206	520
SBS 780	2	780	166	206	520
SBS 900	2	900	145	206	695





### PowerSafe® V Front Terminal

PowerSafe V-FT Types	Nominal voltage (V)	Nominal Capacity (Ah) C <sub>10</sub> / 1.80Vpc @ 20°C	Length (mm)	Width (mm)	Height (mm)
12V30F	12	31	280	97	159
12V38F	12	38	280	97	184
12V62F	12	62	280	97	264
12V92F	12	92	395	105	264
12V100FC	12	100	395	108	287
12V101F	12	100	510	110	235
12V125F	12	125	561	105	316
12V155FS	12	150	561	125	283
12V170FS	12	170	561	125	283
12V190F	12	190	561	125	316

### PowerSafe® V

PowerSafe V Types	Nominal voltage (V)	Nominal Capacity (Ah) C <sub>10</sub> / 1.80Vpc @ 20°C	Length (mm)	Width (mm)	Height (mm)
12V45	12	46	218	164	204
12V55	12	56	271	164	204
12V70	12	68	314	164	204
12V80	12	79	360	164	228
4V105	4	103	191	202	235
6V105	6	103	191	202	235
6V130	6	132	243	206	234
4V155	4	154	202	202	228
6V155	6	154	292	202	228
6V170	6	173	302	175	230
2V200	2	200	110	208	247
4V230	4	231	292	202	228
2V275	2	275	142	208	247
2V310	2	308	202	202	228
2V320	2	320	195	208	219
2V400/2	2	400	195	208	247
2V460/4	2	462	292	202	228
2V460/6	2	462	292	202	228
2V500/2	2	500	238	208	247
2V500/6	2	518	296	204	240



For detailed information on PowerSafe® DDM, OPzV, OPzS, Vb and other EnerSys product ranges, please visit

[www.enersys-emea.com](http://www.enersys-emea.com)





Smart decisions

**EnerSys Global Headquarters**

2366 Bernville Road  
Reading, PA 19605  
USA  
Tel. +1-610-208-1991  
+1-800-538-3627  
Fax +1-610-372-8613

**EnerSys EMEA**

EH Europe GmbH  
Löwenstrasse 32  
8001 Zurich, Switzerland

**EnerSys Asia**

152 Beach Road  
Gateway East Building #11-03  
Singapore  
189721  
Tel: +65 6508 1780

**[www.enersys-emea.com](http://www.enersys-emea.com)**

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