

# Battery Upgrade Cross Reference Chart

GYZ Series	AGM High Performance	AGM Maintenance Free	YuMicron (CX)	Conventional
-	-	-	6YB11-2D	6N11-2D
-	YTZ5S	YTX4L-BS, YT4L-BS	YB4L-A, YB4L-B	-
-	YTZ7S	YTX5L-BS, YT5L-BS	-	-
-	-	-	YB5L-B	12N5-3B
-	-	-	YB7L-B	12N7-3B
-	-	-	YB7-B	12N7-4A
-	-	-	YB9-B	12N9-4B-1
-	-	-	YB9L-B	12N9-3B
-	-	-	YB10L-A2	12N10-3A-2
-	-	-	YB12-A	12N12A-4A-1
GYZ16H	YTX14H-BS	YTX14-BS	-	-
-	YTX14AH-BS	-	YB14-A2, YB14-B2	-
-	YTX14AH-BS <sup>3,4</sup>	-	YB14A-A1, YB14A-A2	-
-	YTX14AHL-BS	-	YB14L-A2	12N14-3A
-	YTX14AHL-BS	-	YB14L-B2	-
GYZ16HL	YTX14L-BS	-	-	-
-	-	YT19BL-BS	51913	-
-	YTX20CH-BS	YTX16-BS	-	-
GYZ20H <sup>8</sup>	YTX20H-BS <sup>2</sup>	YTX20-BS <sup>2</sup>	YB16-B, YB16-B-CX	-
GYZ20H	YTX20H-BS <sup>2</sup>	YTX20-BS <sup>2</sup>	YB18-A	-
-	YTX20HL-BS PW <sup>6</sup>	-	YB16CL-B	-
GYZ20HL <sup>8</sup> , GYZ20L	YTX20HL-BS <sup>7</sup>	YTX20L-BS <sup>7</sup>	YB16HL-A-CX	-
GYZ20HL, GYZ20L	YTX20HL-BS <sup>2</sup>	YTX20L-BS <sup>2</sup>	YB16L-B	-
GYZ20HL <sup>8</sup> , GYZ20L	YTX20HL-BS <sup>2</sup>	YTX20L-BS <sup>2</sup>	YB18L-A	-
GYZ20HL <sup>8</sup> , GYZ20L	YTX20HL-BS <sup>2</sup>	YTX20L-BS	-	-
-	YTX24HL-BS <sup>3</sup>	-	Y50-N18L-A, Y50-N18L-A-CX	-
-	YTX24HL-BS	-	Y50-N18-A3	-
-	YTX24HL-BS <sup>3,1</sup>	-	SY50-N18-AT	-
GYZ32HL	YIX30L-BS	-	YB30L-B	-
-	YIX30L-BS-PW <sup>5</sup>	-	YB30CLB	-
-	YIX30L-BS	-	53030	-

1 Eliminates need for sensor (needs to be disabled).

2 The YTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.

3 Top and front terminal mounts only.

4 Includes 10mm height spacer.

5 Includes 17mm height spacer.

6 Includes 20mm height spacer for use in replacing YB16CL-B.

7 Requires use of Yuasa Cover/Spacer Kit.

8 For Harley-Davidson models only.

## Designation of Battery Type Numbers

### Examples:

6 | N | 2 | | - | 2 | A | - | 8  
 a | b | c | d | | e | f | | g

YB | 16 | A | L | - | A | 2  
 h | j | d | e | | f | g

Y | 50 | - | N | 18 | L | - | A  
 h | j | | b | i | e | | f

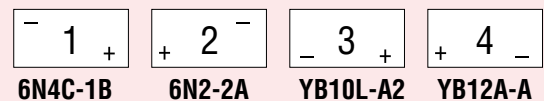
YT | X | 20 | H | L | - | B | S  
 k | m | i | m | e | | | l

YT | X | 7 | L | - | B | S  
 k | m | i | e | | | l

### Designations:

- a - nominal voltage
- b - vented type (normal type)
- c - battery capacity at 10 hour rate
- d - indication of different size of the same capacity batteries
- e - polarity location (see Fig. 1), configuration
- f - location of opening for exhaust (see Fig. 2)
- g - type of terminal
- h - symbol of YuMicron batteries
- i - performance level
- j - cranking or starting power
- k - symbol of Yuasa maintenance free (VRLA) batteries (YT, YI)
- l - bottle supplied electrolyte
- m - high performance

**Fig. 1** e Polarity Location (L indicates positive terminal is located at right side.)



**Fig. 2** f Location of opening for exhaust

