

# Section 3: Direct Plug-In Electric Screwdrivers

## Premium Screwdrivers



### HIOS® VB, VBH, VZ and VZH Series

- Brushless (VB Series) and brush type (VZ Series) motor offers high performance
- Inline body style
- 110 VAC
- Intended for a duty cycle of 0.5 seconds on, 3.5 seconds off
- RoHS compliant



VB-1820 Lever Start



VZ-1820 Push-to-Start

Model Number	ASG Number	Brush Type	Operation	Torque Range		Speed (RPM)		Length		Weight	Drive Type
				lbf.in	N.m	HI	LOW	mm	in.	lb.	
VB-1820	65516	Brushless	Lever	3.5 - 16.0	0.4 - 1.8	2000	—	263	10.4	1.7	1/4" Hex
VB-1820-PS	65518	Brushless	Push-to-Start	3.5 - 16.0	0.4 - 1.8	2000	—	286	11.3	1.7	1/4" Hex
VBH-1820	65678	Brushless	Lever	26.6 - 70.8	3.0 - 8.0	470	—	343	13.5	4.2	1/4" Hex
VB-3012	65517	Brushless	Lever	4.4 - 26.6	0.5 - 3.0	1200	—	263	10.4	1.7	1/4" Hex
VB-3012-PS	65519	Brushless	Push-to-Start	4.4 - 26.6	0.5 - 3.0	1200	—	286	11.3	1.7	1/4" Hex
VBH-3012	65679	Brushless	Lever	35.4 - 88.5	4.0 - 10.0	270	—	343	13.5	4.2	1/4" Hex
VB-4504	65521	Brushless	Lever	8.85 to 39.8	1.0 - 4.5	400	—	263	10.4	1.7	1/4" Hex
VB-4504-PS	65523	Brushless	Push-to-Start	8.85 to 39.8	1.0 - 4.5	400	—	286	11.3	1.7	1/4" Hex
VZ-1820	64222	Brush	Lever	3.5 - 16.0	0.4 - 1.8	2000	—	276	10.9	1.5	1/4" Hex
VZ-1820-PS	64223	Brush	Push-to-Start	3.5 - 16.0	0.4 - 1.8	2000	—	280	11.0	1.5	1/4" Hex
VZH-1820	65680	Brush	Lever	26.6 - 70.8	3.0 - 8.0	470	—	361	14.2	4.0	1/4" Hex
VZ-3012	64224	Brush	Lever	8.0 - 26.6	0.9 - 3.0	1200	—	276	10.9	1.5	1/4" Hex
VZ-3012-PS	64225	Brush	Push-to-Start	8.0 - 26.6	0.9 - 3.0	1200	—	280	11.0	1.5	1/4" Hex
VZ-3012LT	64267	Brush	Lever	3.5 - 16.0	0.4 - 1.8	1200	—	276	10.9	1.5	1/4" Hex
VZ-3012LT-PS	64266	Brush	Push-to-Start	3.5 - 16.0	0.4 - 1.8	1200	—	280	11.0	1.5	1/4" Hex
VZH-3012	65681	Brush	Lever	35.4 - 88.5	4.0 - 10.0	270	—	361	14.2	4.0	1/4" Hex
VZ-4506	64238	Brush	Lever	8.85 - 39.8	1.0 - 4.5	600	—	276	10.9	1.5	1/4" Hex
VZ-4506-PS	64239	Brush	Push-to-Start	8.85 - 39.8	1.0 - 4.5	600	—	280	11.0	1.5	1/4" Hex