

USAC HYBRID DRIVES - NEMA 4X / IP65

The USAC Hybrid drives are a member of the ACCU-SERIES family of variable speed products. The USAC Series of Adjustable Frequency Drives consist of eight inverter models rated for 1/8 to 10 HP motors. These drives are housed in heavy duty NEMA 4X / IP 65 die-cast aluminum washdown/watertight enclosures for indoor or outdoor use. Hybrid drives are a digital drive with an analog interface.

Voltage and Power Range:

- 1-Phase, 115 VAC Input
3-Phase, 0 - 208/230 VAC Output
0.5 - 1.5 HP
- 1-Phase, 208/230 VAC Input
3-Phase, 0 - 208/230 VAC Output
0.5 - 2.0 HP
- 3-Phase, 208/230 VAC Input
3-Phase, 0 - 208/230 VAC Output
3 - 5 HP
- 3-Phase, 400/460 VAC Input
3-Phase, 0 - 400/460 VAC Output
3 - 10 HP



NEMA 4X / IP65, 1-Phase and 3-Phase Input, 3-Phase Output

Motor Voltage	Nominal Motor HP	AC Line Voltage (50/60 Hz)	Max. Load Current (Amps/Phase)	Phase (Ø) Input	Catalog Number	Voltage Range (Volts AC)	Dimensions (in) H x W x D	Approx. Weight (lbs)		Discount Symbol	
115-208/230 VAC	1	115	3.6	1	USAC24D	0-208/230	9.53 x 5.51 x 5.86	7		DS-5EV	
		208/230			USAC24DW*						
	1.5	115	5.5	1	USAC27D	0-208/230	9.8 x 7.55 x 7.25	13		DS-5EV	
					208/230						USAC27DW*
		2	115	5.5	1	USAC27DW*	0-208/230	9.8 x 7.55 x 7.25	13		DS-5EV
208/230 VAC	3	208/230	9.0	1	USAC291P	0-208/230	9.8 x 7.55 x 7.25	10.3		DS-5EV	
					USAC291PW*						
	2	208/230	6.7	1	USAC29	0-208/230	9.8 x 7.55 x 7.25	10.3		DS-5EV	
											3
	2	208/230	6.7	1	USAC29W*	0-208/230	9.8 x 7.55 x 7.25	10.3		DS-5EV	
											3

*FDA approved finish (white cases only).

NEMA 4X / IP65, 3-Phase Input, 3-Phase Output

Motor Voltage	Nominal Motor HP	AC Line Voltage (50/60 Hz)	Max. Load Current (Amps/Phase)	Phase (Ø) Input	Catalog Number	Voltage Range (Volts AC)	Dimensions (in) H x W x D	Approx. Weight (lbs)		Discount Symbol
400/460 VAC	5	400/460	17	3	USAC217S	0-208/230	14 x 10.5 x 9	20.5		DS-5EV
					USAC217SW*					
	3	400/460	5.5	3	USAC45	0-400/460	9.8 x 7.55 x 7.25	13		DS-5EV
					USAC45W*					
	5	400/460	8.3	3	USAC48	0-400/460	9.8 x 7.55 x 7.25	13		DS-5EV
					USAC48W*					

*FDA approved finish (white cases only).