

28V Uninterruptible Power Supplies



28VUPS29FSPD



28VUPS-5



28VUPS-1

	28VUPS29FSPD	28VUPS-4SPD	28VUPS-1	28VUPS-5
Load Configuration	Full Bus Load up to 250A		Selected Critical Load up to 100A	
Enclosure	Sealed, 304 Stainless Steel		Sealed, 6061 Aluminum	
Charge Current	30A (Max), 1 Ω Input Impedance	10A (Max), 3 Ω Input Impedance	Constant 5A (Max)	3A (Max)
Charge Time	3 RC (95%) = 90 Seconds	3 RC (95%) = 4.5 Minutes	4 Minutes	5 Minutes
Electrical Connections	1/4-28 UNF Positive Stud 3/8-24 UNF Negative Stud		1/4-20 UNC Positive Input Stud 1/4-20 UNC Negative Stud 1/4-20 UNC Load Output Stud	
Operating Temp. Range/ Altitude Rating	-40° F to 160° F (-40° C to 71° C) @ Sea Level -40° F to 93° F (-40° C to 34° C) @ 45,000 ft. -40° F (-40° C) @ 50,000 ft.		-40° F to 160° F (-40° C to 71° C), Sea Level to 8,000 ft	
Weight	7.0 lb. (3.18 kg)		4.9 lb. (2.22 kg)	
Dimensions (LxDIAxH) (Max) including mounting brackets	13.55 in. x 4.10 in. x 4.20 in. (344.2 mm x 104.14 mm x 106.68 mm)		11.50 in. x 4.20 in. x 4.30 in. (292.1 mm x 106.68 mm x 109.22 mm)	
Mounting Position	Any			
Short Circuit Fault Current	310A pk, 2 ms Max		400A pk, 2 ms Max	
Hold Up Time	125A constant current for 500 ms 200A constant current for 50 ms 2500W (90A nominal) constant power for 250 ms			
Automatic Shutdown	70 Seconds	2 Seconds	70 Seconds	2 Seconds



★ [Contact Champion Aerospace for a Complimentary Consultation with an Applications Engineer.](#) ★