












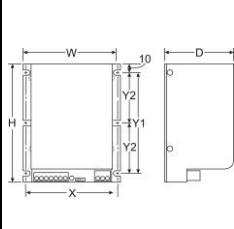
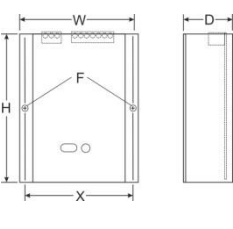
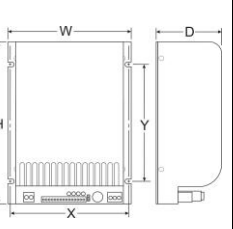
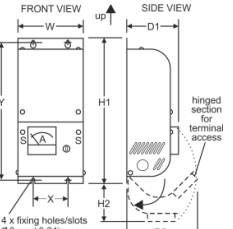
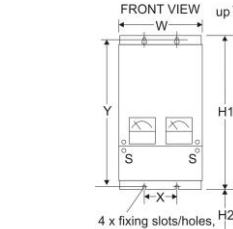
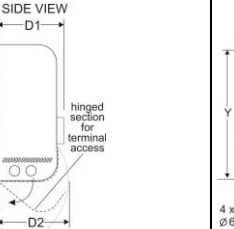
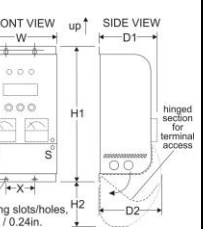




Sentinel UL150, 150P and 300P Battery Chargers

Feature Comparison



	Open Frame (SNTL) Models			Enclosed (ESNTL) models													
																	
Model	Open Frame Sentinel SNTLUL150 models			Open Frame Sentinel SNTL150P models			Open Frame Sentinel SNTL300P	Enclosed Sentinel ESNTLUL150 models				Enclosed Sentinel ESNTLUL150...NFPA models		Enclosed Sentinel ESNTL300PM		Enclosed Sentinel ESNTL300PCLM	
Part Numbers	See Reverse			See Reverse			42.70.3850	See Reverse				See Reverse		42.70.3879		42.70.3875	
AC Input	95-265VAC (UL rated to 250VAC)			95-265VAC			95-265VAC (UL rated to 250VAC)	95-265VAC (UL rated to 250VAC)				95-265VAC (UL rated to 250VAC)		95-265VAC (UL rated to 250VAC)		95-265VAC (UL rated to 250VAC)	
DC Output	12V / 5A DC	24V / 5A DC	12V / 10A DC	12V / 5A DC		24V / 5A DC	12/24V @ 10ADC	12V / 5A DC	24V / 5A DC	12V / 10A DC	12V / 10A DC		12 or 24V / 10A DC		12 or 24V / 10A DC		
Alarm outputs covering faults: charge fail, charger AC fail,	✓			✓			✓	✓				✓		✓		✓	
Alarm outputs covering faults: low battery volts, high battery volts	✗			✓ (programmable)			✓	✗				✓		✓		✓	
Metering: charge current, battery voltage	None - charger mounted inside panel.			None - charger mounted inside panel.			None- charger mounted inside panel. Front of panel meters required for NFPA 110 compliance.	Charge current only				✓		✓		✓	
CE compliance	Electrical safety: 2006/95/EC Electromagnetic Compatibility: 2004/108/EC (EN 61000-6-2, EN 61000-6-4)			2006/95/EC (EN 60065) 2004/108/EC (EN 61000-6-2, EN 61000-6-4)			2006/95/EC 2004/108/EC, EN 55022 class B (EN 61000-6-1, EN 61000-6-3)	2006/95/EC 2004/108/EC (EN 61000-6-2, EN 61000-6-4)				2006/95/EC 2004/108/EC, EN 55022 class B (EN 61000-6-1, EN 61000-6-3)		2006/95/EC 2004/108/EC, EN 55022 class B (EN 61000-6-1, EN 61000-6-3)		2006/95/EC 2004/108/EC, EN 55022 class B (EN 61000-6-1, EN 61000-6-3)	
NFPA 110 compliance:	✗			✗			✓ Front of panel meters required: see note above	✗				✓		✓		✓	
CSA 22.2 no 107.2 compliance:	✓			✗			✓	✓				✓		✓		✓	
UL compliance:	BBGQ: UL 1236 			✗			BBGQ: UL 1236 BBHH: UL 1236 SE 	BBGQ: UL 1236 				BBGQ: UL 1236 BBHH: UL 1236 SE 		BBGQ: UL 1236 BBHH: UL 1236 SE 		BBGQ: UL 1236 BBHH: UL 1236 SE 	
UL file number:	BBGQ2.E242077			-			BBGQ2.E242077 BBHH2.EX15026	BBGQ.E242077				BBGQ.E242077 BBHH.EX15026		BBGQ.E242077 BBHH.EX15026		BBGQ.E242077 BBHH.EX15026	
Dimensions:																	
Overall:	W 110 mm / 4.33 in. H 135 mm / 5.31 in. D 78 mm / 3.07 in.			W 108.6 mm / 4.28 in. H 135 mm / 5.31 in. H 45 mm / 1.77 in. (12V) H 55 mm / 2.17 in. (24V)			W 158 mm / 6.22 in. H 208 mm / 8.19 in. D 84 mm / 3.31 in.	W 120 mm / 4.72 in. H1 267 mm / 10.51 in. H2 70 mm / 2.76 in. D1 95 mm / 3.74 in. D2 130 mm / 5.12 in.				W 165 mm / 6.50 in. H1 300 mm / 11.81 in. H2 80 mm / 3.15 in. D1 125 mm / 4.92 in. D2 130 mm / 5.12 in.		W 165 mm / 6.50 in. H1 300 mm / 11.81 in. H2 80 mm / 3.15 in. D1 125 mm / 4.92 in. D2 130 mm / 5.12 in.			
Fixing holes:	X 100 mm / 3.94 in. Y1 115 mm / 4.53 in. Y2 57.5 mm / 2.26 in.			X 99 mm / 3.90 in.			X 150 mm / 5.91 in. Y 150 mm / 5.91 in.	X 63.5 mm / 2.50 in. Y 255 mm / 10.04 in.				X 63.5 mm / 2.50 in. Y 285.5 mm / 11.25 in.		X 63.5 mm / 2.50 in. Y 285.5 mm / 11.25 in.			
Weights:	0.55 kg / 1.2 lb.			0.65 kg / 1.43 lb (12V) 0.75 kg / 1.65 lb (24V)			1.1 kg / 2.5 lb.	1.25 kg / 2.8 lb.				2.0kg / 4.4 lb		2.1kg / 4.6 lb			

Open Frame (SNTL) Models							Enclosed (ESNTL) models						
	SNTLUL150			SNTL150P		SNTL300P	ESNTLU150	ESNTLUL1501210...NFPA	ESNTL300PM	ESNTL300PCLM			
Model	Open Frame Sentinel SNTLUL150 models			Open Frame Sentinel SNTL150P models		Open Frame Sentinel SNTL300P	Enclosed Sentinel ESNTLU150 models			Enclosed Sentinel ESNTLUL150xNFPA models		Enclosed Sentinel ESNTL300PM	Enclosed Sentinel ESNTL300PCLM
Part Numbers	See below	See below	See below	See below		42.70.3850	See below	See below	See below	See below	42.70.3879	42.70.3875	
DC Output	12V / 5A DC	24V / 5A DC	12V / 10A DC	42.70.3810 42.70.3811 42.70.3820 42.70.3821	12V / 5A DC 24V / 5A DC	Alarm o/p & Control i/p ✗ ✓ ✗ ✓	12 or 24V / 10A DC	12V / 5A DC	24V / 5A DC	12V / 10A DC	12V / 10A DC	12 or 24V / 10A DC	12 or 24V / 10A DC
Battery Sizing Guide Maximum Ah capacities (C/20 charge rate) shown. Multiple units (Sentinel 300P) may be connected in parallel to achieve NFPA compliant recharge times.													
Single unit:	✓ 100 Ah	✓ 100 Ah	✓ 200 Ah	✓ 100 Ah	✓ 225 Ah	✓ 100 Ah	✓ 100 Ah	✓ 200 Ah	✓ 225 Ah	✓ 225 Ah	✓ 225 Ah		
2 parallel units (300P only) 	✗	✗	✗	✗	✓ 450 Ah	✗	✗	✗	✗	✓ 450 Ah	✓ 450 Ah		
3 parallel units (300P only): 	✗	✗	✗	✗	✓ 675 Ah	✗	✗	✗	✗	✓ 675 Ah	✓ 675 Ah		
Battery Type Calibration Compatibility/Part numbers													
12V batteries	Vented lead acid 12V (6 cells)	42.70.3600		42.70.3602	✓	✓	42.70.3603		42.70.3605	42.70.3650	✓	✓	
	Calcium Calcium 12V (6 cells)	42.70.3656		42.70.3658	✓	✓	42.70.3659		42.70.3661	42.70.3653	✓	✓	
	Lead Acid Antimony 12V (6 cells)	42.70.3690		42.70.3692	✓	✓	42.70.3693		42.70.3695	42.70.3655	✓	✓	
	VRLA, AGM 12V (6 cells)	42.70.3620		42.70.3622	✓	✓	42.70.3623		42.70.3625	42.70.3651	✓	✓	
	VRLA, Gel 12V (6 cells)	42.70.3635		42.70.3637	✓	✓	42.70.3638		42.70.3640	42.70.3652	✓	✓	
	Nickel Cadmium (10 cell)	42.70.3670		42.70.3672	✓	✓	42.70.3673		42.70.3675	42.70.3654	✓	✓	
24V batteries	Vented lead acid 24V (12 cells)		42.70.3601		✓	✓		42.70.3604			✓	✓	
	Calcium Calcium 24V (12 cells)		42.70.3657		✓	✓		42.70.3660			✓	✓	
	Lead Acid Antimony 24V (12 cells)		42.70.3691		✓	✓		42.70.3694			✓	✓	
	VRLA, AGM 24V (12 cells)		42.70.3621		✓	✓		42.70.3624			✓	✓	
	VRLA, Gel 24V (12 cells)		42.70.3636		✓	✓		42.70.3639			✓	✓	
	Nickel Cadmium (18 cell)		42.70.3671		✓	✓		42.70.3674			✓	✓	
	Nickel Cadmium (20 cell)		42.70.3685		✓	✓		42.70.3686			✓	✓	
Custom calibrations:	Not available			✓ SNTL150P-PCSUITE software allows profile editing	✓ SNTL300P-PCSUITE software allows profile editing	Not available			Not available	✓ SNTL300P-PCSUITE software allows profile editing	✓ SNTL300P-PCSUITE software allows profile editing		



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