






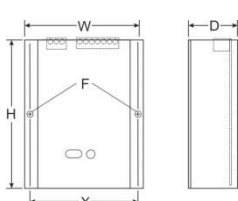
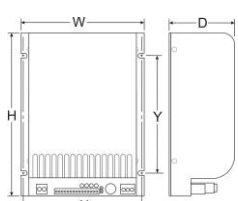
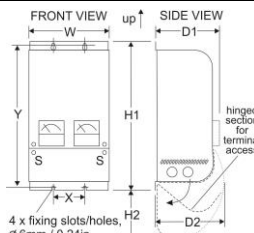
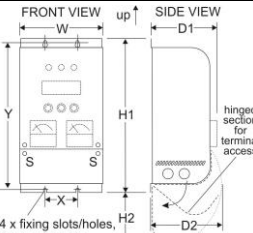






Sentinel 150P & 300P Battery Chargers



Feature Comparison

	Open Frame (SNTL) Models		Enclosed (ESNTL) models	
				
Model	Open Frame Sentinel SNTL150P models		Enclosed Sentinel ESNTL300PM	Enclosed Sentinel ESNTL300PCLM
Part Numbers	See Reverse	See Reverse	42.70.3879	42.70.3875
AC Input	95-265VAC		95-265VAC (UL rated to 250VAC)	95-265VAC (UL rated to 250VAC)
DC Output	12V / 5A DC	24V / 5A DC	12 or 24V / 10A DC	12 or 24V / 10A DC
Alarm outputs covering faults: charge fail, charger AC fail,	✓ (programmable)	✓	✓	✓
Alarm outputs covering faults: low batt. volts, high batt. volts		✓	✓	✓
Metering: charge current, battery voltage	None - charger mounted inside panel.	None - charger mounted inside panel. Front of panel meters required for NFPA 110 compliance.	✓	✓
CE conformance	Electrical safety:	2006/95/EC (EN 60065)	2006/95/EC	2006/95/EC
	Electromagnetic Compatibility:	2004/108/EC (EN 61000-6-2, EN 61000-6-4)	2004/108/EC, EN 55022 class B (EN 61000-6-1, EN 61000-6-3)	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 BBHH: UL 1236 SE 	BBGQ: UL 1236 BBHH: UL 1236 SE 	BBGQ: UL 1236 BBHH: UL 1236 SE 
UL file number:	-	BBGQ2.E242077 BBHH2.EX15026	BBGQ.E242077 BBHH.EX15026	BBGQ.E242077 BBHH.EX15026
Dimensions:				
Overall:	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 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 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 285.5 mm / 11.25 in.	X 63.5 mm / 2.50 in. Y 285.5 mm / 11.25 in.
Weights:	0.65 kg / 1.43 lb (12V) 0.75 kg / 1.65 lb (24V)	1.1 kg / 2.5 lb.	2.0kg / 4.4 lb	2.1kg / 4.6 lb

	Open Frame (SNTL) Models			Enclosed (ESNTL) models		
						
Model	Open Frame Sentinel SNTL150P models			Open Frame Sentinel SNTL300P	Enclosed Sentinel ESNTL300PM	Enclosed Sentinel ESNTL300PCLM
Part Numbers	See below		Alarm o/p & Control i/p	42.70.3850	42.70.3879	42.70.3875
DC Output	42.70.3810	12V / 5A DC	✗	12 or 24V / 10A DC	12 or 24V / 10A DC	12 or 24V / 10A DC
	42.70.3811		✓			
	42.70.3820	24V / 5A DC	✗			
	42.70.3821		✓			

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	✓ 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)	✓	✓	✓	✓
	Calcium Calcium 12V (6 cells)	✓	✓	✓	✓
	Lead Acid Antimony 12V (6 cells)	✓	✓	✓	✓
	VRLA, AGM 12V (6 cells)	✓	✓	✓	✓
	VRLA, Gel 12V (6 cells)	✓	✓	✓	✓
	Nickel Cadmium (10 cell)	✓	✓	✓	✓
24V batteries	Vented lead acid 24V (12 cells)	✓	✓	✓	✓
	Calcium Calcium 24V (12 cells)	✓	✓	✓	✓
	Lead Acid Antimony 24V (12 cells)	✓	✓	✓	✓
	VRLA, AGM 24V (12 cells)	✓	✓	✓	✓
	VRLA, Gel 24V (12 cells)	✓	✓	✓	✓
	Nickel Cadmium (18 cell)	✓	✓	✓	✓
	Nickel Cadmium (20 cell)	✓	✓	✓	✓
Custom calibrations:	✓ SNTL150P-PCSUITE software allows profile editing	✓ SNTL300P-PCSUITE software allows profile editing	✓ SNTL300P-PCSUITE software allows profile editing	✓ SNTL300P-PCSUITE software allows profile editing	

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