








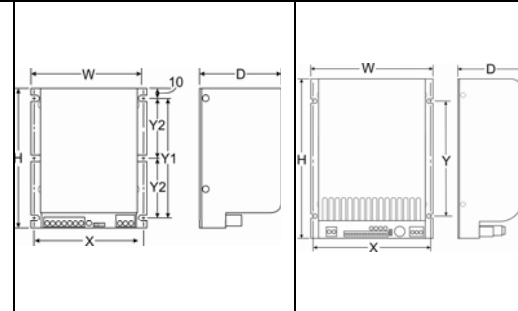
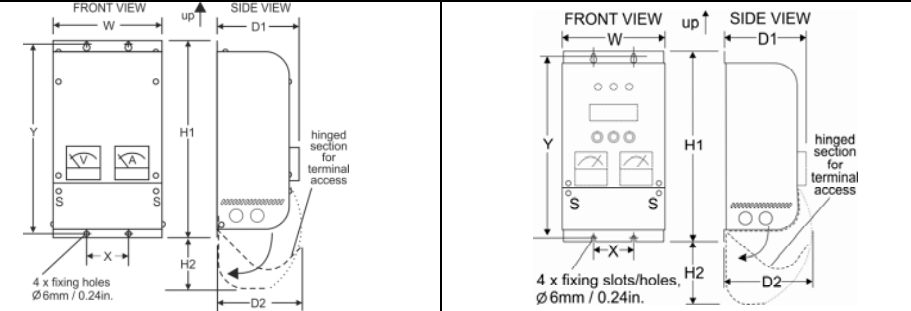















Sentinel UL150 and 300P Battery Chargers

Feature Comparison

**COMPUTRONIC
CONTROLS**



	Open Frame (SNTL) Models			Enclosed (ESNTL) models			
	SNTLUL150 	SNTL300P 	ESNTLUL150 	ESNTLUL1501210...NFPA 	ESNTL300PM 	ESNTL300PCL 	ESNTL300PCLM 
Model	Open Frame Sentinel UL 150 models			Enclosed Sentinel UL 150 NFPA models			
Part Numbers	See Reverse	See Reverse	See Reverse	See Reverse	See Reverse	See Reverse	See Reverse
AC Input	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	12V / 10A DC	12V / 10A DC
Alarm outputs covering faults: charge fail, charger AC fail,	✓			✓			
Alarm outputs covering faults: low battery volts, high battery volts	✗			✗			
Metering: charge current, battery voltage	Charger mounted inside panel.			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 2004/108/EC (EN 61000-6-2, EN 61000-6-4)			
NFPA 110 compliance:	✗			✓			
CSA 22.2 no 107.2 compliance:	✓			✓			
UL compliance:	BBGQ: UL 1236 			BBGQ: UL 1236 BBHH: UL 1236 SE 			
UL file number:	BBGQ2.E242077			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 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.			
Fixing holes:	X 100 mm / 3.94 in. Y1 115 mm / 4.53 in. Y2 57.5 mm / 2.26 in.			X 63.5 mm / 2.50 in. Y 255 mm / 10.04 in.			
Weights:	0.55 kg / 1.2 lb.			1.25 kg / 2.8 lb.			

		Open Frame (SNTL) Models				Enclosed (ESNTL) models																	
		<div>SNTLUL150</div> 		<div>SNTL300P</div> 		<div>ESNTLUL150</div> 		<div>ESNTLUL1501210...NFPA</div> 		<div>ESNTL300PM</div> 		<div>ESNTL300PCL</div> 		<div>ESNTL300PCLM</div> 									
Model	Open Frame Sentinel UL 150 models			Open Frame Sentinel 300P			Enclosed Sentinel UL 150 models			Enclosed Sentinel UL 150 NFPA models			Enclosed Sentinel 300P			Enclosed Sentinel 300P			Enclosed Sentinel 300P				
Part Numbers	See Below		See Below	See Below	42.70.3850			See Below	See Below	See Below	See Below			42.70.3879			42.70.3877			42.70.3875			
DC Output	12V / 5A DC		24V / 5A DC	12V / 10A DC	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			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	✓ 225 Ah			✓ 100 Ah	✓ 100 Ah	✓ 200 Ah	✓ 225 Ah			✓ 225 Ah			✓ 225 Ah			✓ 225 Ah			
2 parallel units (300P only)			✗	✗	✗	✓ 450 Ah			✗	✗	✗	✗			✓ 450 Ah			✓ 450 Ah			✓ 450 Ah		
3 parallel units (300P only):			✗	✗	✗	✓ 675 Ah			✗	✗	✗	✗			✓ 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			✓  SNTL-PCSUITE software allows profile editing			Not available			Not available			✓  SNTL-PCSUITE software allows profile editing			✓  SNTL-PCSUITE software allows profile editing			✓  SNTL-PCSUITE software allows profile editing				

COMPUTRONIC CONTROLS

A division of Frank W Murphy Ltd.

41 - 46 Railway Terrace, Nechells,
Birmingham, B7 5NG, United Kingdom
E-mail: sales@computroniccontrols.com
Web: www.computroniccontrols.com

For sales & support, contact:

FRANK W MURPHY LTD.

Church Road, Laverstock,
Salisbury, SP1 1QZ, United Kingdom
Phone: +44 1722 410055
Fax: +44 1722 410088
E-mail: sales@fwmurphy.co.uk
Web: www.fwmurphy.co.uk/computronic

FW MURPHY

P.O. Box 470248, Tulsa, Oklahoma 74147 USA
Phone: +1 918 317 4100 Fax: +1 918 317 4266
E-mail: sales@fwmurphy.com
Web: www.fwmurphy.com