

Speed Settings		Fast	Slow			
Forward Acceleration (0.1 Seconds)	20	20				
Forward Deceleration (0.1 Seconds)	11	11	General Settings			
Reverse Acceleration (0.1 Seconds)	40	35	Soft Stop		On	
Reverse Deceleration (0.1 Seconds)	12	12	Brake Time (milli-Seconds)		900	
Max Forward Speed (%)	65	55	Output Voltage (Volts)		24	
Min Forward Speed (%)	50	30	Status Output Type	1	(0 = Trucharge, 1 = LED, 2 = Analogue)	
Max Reverse Speed (%)	40	35	Diagnostic Flash Sequence	4		
Min Reverse Speed (%)	27	18	Reverse Alarm	On		
Speed Limit Pot Enabled	On		Reverse Alarm Tone	0	(S Drive 120,140,180A)	(S Drive II)
			Pulsed Reverse Alarm	On		
Operation Settings			Diagnostic Alarm	On		
Sleep Timer (Minutes)	20		Diagnostic Alarm Tone	0	(S Drive 120,140,180A)	(S Drive II)
Throttle Invert	No		Brake Disconnected Alarm	Off		
Battery Settings						
Low Battery Flash Level (Bars)	0		Brake Fault Detect	On		
Cable Resistance (milli-Ohms)	40		Brake Light	Off		
Calibration Factor	100		Push too Fast Threshold	100		
Low Battery Alarm	Off		Push too Fast Timeout	2		
			Freewheel Enable	Enable		
Trucharge Reset Voltage (Deci-Volts)	200		Inhibit 2 Horn Input Enable	Off	(S Drive 120,140,180A)	(S Drive II)
(S Drive 180A) (S Drive II)						
Battery Curve Scaler	0		(S Drive II Only) Horn Trip	Yes		
(S Drive II Only) Out (Deci-Volts)	160		Motor Settings			
(S Drive II Only) Out Time (Secs)	255		Current Limit Max (Amps)	130		
			Boost Drive Current (Amps)	24	155	
			Boost Drive Time (Seconds)	5		
Inhibit Settings			Current Foldback Threshold (Amps)	126		
Inhibit 1: Mode	1		Current Foldback Time (Seconds)	15		
Inhibit 1: Operation	Latching		Current Foldback Level (%)	100		
Inhibit 1: Speed (%)	0		Motor Cooling Time (Seconds)	180		
Inhibit 2: Mode	1		Current Foldback Temperature (Deg C)	80		
Inhibit 2: Operation	Non-Latching		Current Limit Min (Amps)	45		
Inhibit 2 Speed (%)	85		Motor Stall Timeout (Seconds)	15	(S Drive II Only)	
Inihabit 3: Mode	1		Motor Compensation (milli-Ohms)	20		
Inhibit 3: Operation	Latching		AntiRollback Level	12	(S Drive Only)	
Inhibit 3: Speed (%)	0		Pull-away Delay (centi-Seconds)	30	(S Drive Only)	
Aux Output: Mode	0		Slope Factor	500	(S Drive Only)	
Inhibit 2 Aux Output	0		Anti Rollback Velocity	0	(S Drive Only)	
(S Drive II Only)			Braking Current Limit (Amps)	120	(S Drive 180A) (S Drive II)	
Factory Settings			Max	Min		
Acceleration (0.1 Seconds)	100	1	Timed Foldback Braking Current (Amps)	120	(S Drive 180A) (S Drive II)	
Deceleration (0.1 Seconds)	100	1	Timed Foldback Speed (%)	0	(S Drive 180A) (S Drive II)	
Forward Speed (%)	100	0	Enhanced Motor Compensation (Up) (%)	120	(S Drive II Only)	
Reverse Speed (%)	100	0	Enhanced Motor Compensation (Down) (%)	110	(S Drive II Only)	
(S Drive II Only) per	0		Enhanced Motor Compensation (Up) Gain	88	(S Drive II Only)	
Throttle Settings						
Throttle Type	1	(0 = Single-ended, 1 = Wig-wag, 2 = Unipolar)				
Throttle Deadband (%)	20					
Throttle Gain (%)	165					
Throttle Operated at Power-up	2	(0 = Drive, 1 = Inhibit, 2 = Trip)				
Throttle Reference Test	On					
ISO Test Resistor	Off					
Timed Throttle Invert	0	(0 = Off, 1 = Inhibit 2, 2 = Inhibit 3)				
(S Drive II Only)						