

Speed Settings		Fast	Slow	General Settings		
Forward Acceleration (0.1 Seconds)	30	20				
Forward Deceleration (0.1 Seconds)	13	10				
Reverse Acceleration (0.1 Seconds)	30	40				
Reverse Deceleration (0.1 Seconds)	13	15				
Max Forward Speed (%)	65	60				
Min Forward Speed (%)	30	15				
Max Reverse Speed (%)	40	30				
Min Reverse Speed (%)	25	15				
Speed Limit Pot Enabled	On					
Operation Settings				Soft Stop	On	
Sleep Timer (Minutes)	20			Brake Time (milli-Seconds)	1400	
Throttle Invert	No			Output Voltage (Volts)	24	
Battery Settings				Status Output Type	1	(0 = Trucharge, 1 = LED, 2 = Analogue)
Low Battery Flash Level (Bars)	0			Diagnostic Flash Sequence	4	
Cable Resistance (milli-Ohms)	40			Reverse Alarm	On	
Calibration Factor	100			Reverse Alarm Tone	0	(S Drive 120,140,180A) (S Drive II)
Low Battery Alarm	Off			Pulsed Reverse Alarm	On	
				Diagnostic Alarm	On	
				Diagnostic Alarm Tone	0	(S Drive 120,140,180A) (S Drive II)
				Brake Disconnected Alarm	Off	
				Brake Fault Detect	On	
				Brake Light	Off	
				Push too Fast Threshold	100	
				Push too Fast Timeout	20	
				Freewheel Enable	Disable	
Trucharge Reset Voltage (Deci-Volts)	278			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)				Motor Settings		
(S Drive II Only) Out (Deci-Volts)	160			Current Limit Max (Amps)	180	
(S Drive II Only) Out Time (Secs)	255			Boost Drive Current (Amps)	24 200	
				Boost Drive Time (Seconds)	10	
Inhibit Settings				Current Foldback Threshold (Amps)	180	
Inhibit 1: Mode	1			Current Foldback Time (Seconds)	150	
Inhibit 1: Operation	Latching			Current Foldback Level (%)	100	
Inhibit 1: Speed (%)	0			Motor Cooling Time (Seconds)	90	
Inhibit 2: Mode	1			Current Foldback Temperature (Deg C)	80	
Inhibit 2: Operation	Non-Latching			Current Limit Min (Amps)	45	
Inhibit 2 Speed (%)	50			Motor Stall Timeout (Seconds)	15	(S Drive II Only)
Inihabit 3: Mode	1			Motor Compensation (milli-Ohms)	15	
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)	200	(S Drive 180A) (S Drive II)
Factory Settings		Max	Min	Timed Foldback Braking Current (Amps)	200	(S Drive 180A) (S Drive II)
Acceleration (0.1 Seconds)	100	1		Timed Foldback Speed (%)	100	(S Drive 180A) (S Drive II)
Deceleration (0.1 Seconds)	100	1		Enhanced Motor Compensation (Up) (%)	150	(S Drive II Only)
Forward Speed (%)	100	0		Enhanced Motor Compensation (Down) (%)	100	(S Drive II Only)
Reverse Speed (%)	100	0		Enhanced Motor Compensation (Up) Gain	50	(S Drive II Only)
(S Drive II Only) per	0					
Throttle Settings						
Throttle Type	1	(0 = Single-ended, 1 = Wig-wag, 2 = Unipolar)				
Throttle Deadband (%)	20					
Throttle Gain (%)	180					
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)						