

Speed Settings		Fast	Slow			
Forward Acceleration (0.1 Seconds)	30	20				
Forward Deceleration (0.1 Seconds)	12	12				
Reverse Acceleration (0.1 Seconds)	40	35				
Reverse Deceleration (0.1 Seconds)	12	12				
Max Forward Speed (%)	90	50				
Min Forward Speed (%)	50	30				
Max Reverse Speed (%)	40	35				
Min Reverse Speed (%)	27	18				
Speed Limit Pot Enabled	On					
Operation Settings						
Sleep Timer (Minutes)	20					
Throttle Invert	No					
Battery Settings						
Low Battery Flash Level (Bars)	0					
Cable Resistance (milli-Ohms)	40					
Calibration Factor	100					
Low Battery Alarm	Off					
Trucharge Reset Voltage (Deci-Volts)	200					
(S Drive 180A) (S Drive II)						
Battery Curve Scaler	0					
(S Drive II Only)						
(S Drive II Only)						
(S Drive II Only)						
Inhibit 1: Mode	1					
Inhibit 1: Operation	Latching					
Inhibit 1: Speed (%)	0					
Inhibit 2: Mode	1					
Inhibit 2: Operation	Non-Latching					
Inhibit 2 Speed (%)	80					
Inihabit 3: Mode	1					
Inhibit 3: Operation	Latching					
Inhibit 3: Speed (%)	0					
Aux Output: Mode	0					
Inhibit 2 Aux Output	0					
(S Drive II Only)						
Factory Settings		Max	Min			
Acceleration (0.1 Seconds)	100	1				
Deceleration (0.1 Seconds)	100	1				
Forward Speed (%)	100	0				
Reverse Speed (%)	100	0				
(S Drive II Only)		0				
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)						

General Settings		
Soft Stop	On	
Brake Time (milli-Seconds)	1000	
Output Voltage (Volts)	24	
Status Output Type	1	(0 = Trucharge, 1 = LED, 2 = Analogue)
Diagnostic Flash Sequence	4	
Reverse Alarm	On	
Reverse Alarm Tone	0	(S Drive 120,140,180A) (S Drive II)
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	2	
Freewheel Enable	Enable	
Inhibit 2 Horn Input Enable	Off	(S Drive 120,140,180A) (S Drive II)
Inhibit 2 Horn Trip	Yes	
Motor Settings		
Current Limit Max (Amps)	130	
Boost Drive Current (Amps)	24	155
Boost Drive Time (Seconds)	5	
Current Foldback Threshold (Amps)	126	
Current Foldback Time (Seconds)	15	
Current Foldback Level (%)	100	
Motor Cooling Time (Seconds)	180	
Current Foldback Temperature (Deg C)	80	
Current Limit Min (Amps)	45	
Motor Stall Timeout (Seconds)	15	(S Drive II Only)
Motor Compensation (milli-Ohms)	15	
AntiRollback Level	12	(S Drive Only)
Pull-away Delay (centi-Seconds)	30	(S Drive Only)
Slope Factor	500	(S Drive Only)
Anti Rollback Velocity	0	(S Drive Only)
Braking Current Limit (Amps)	120	(S Drive 180A) (S Drive II)
Timed Foldback Braking Current (Amps)	120	(S Drive 180A) (S Drive II)
Timed Foldback Speed (%)	0	(S Drive 180A) (S Drive II)
Enhanced Motor Compensation (Up) (%)	190	(S Drive II Only)
Enhanced Motor Compensation (Down) (%)	110	(S Drive II Only)
Enhanced Motor Compensation (Up) Gain	88	(S Drive II Only)