

Description: S-Drive Default Program <Mod>

Controller Type:

Controller Serial Number:

Vehicle Serial Number:

Speed Settings

	Fast	Slow
Forward Acceleration (0.1 Seconds)	20	20
Forward Deceleration (0.1 Seconds)	11	11
Reverse Acceleration (0.1 Seconds)	40	35
Reverse Deceleration (0.1 Seconds)	12	12
Max Forward Speed (%)	65	55
Min Forward Speed (%)	50	30
Max Reverse Speed (%)	40	35
Min Reverse Speed (%)	27	18
Speed Limit Pot Enabled	On	

General Settings

Soft Stop	On
Brake Time (milli-Seconds)	900
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

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) Out (Deci-Volts)	160
(S Drive II Only) Out Time (Secs)	255
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)
(S Drive II Only) 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)	20
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) (%)	120 (S Drive II Only)
Enhanced Motor Compensation (Down) (%)	110 (S Drive II Only)
Enhanced Motor Compensation (Up) Gain	88 (S Drive II Only)

Inhibit Settings

Inhibit 1: Mode	1
Inhibit 1: Operation	Latching
Inhibit 1: Speed (%)	0
Inhibit 2: Mode	1
Inhibit 2: Operation	Non-Latching
Inhibit 2 Speed (%)	85
Inhibit 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)		

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)	