

Drive Selection Chart

Drive (Price)	Power Supply(SMPS)	Min-Max Voltage Range	Min Max Current Range	Sri-Syn Motors	Torque of MotorKg cm	VoltageVolts	Motor CurrentAmp./P hase	Performance Factor in %	Features	Interface	Suitable Controller
SCD 302 U Rs. 4500/-	24VDC, 2A Rs .1500	18 to 24VDC	0.40 to 2.0A	STM 600	1	6	0.4	80	Small portable , Low Cost model, Over Temperature Protection, Inbuilt micro-controller for small custom built cycles (Chargeable).	Optically Isolated four programmable I/Ps for PLC or PC interfacing may be treated as Pulses (Clock) , Direction , Half / Full Step, Enable /Disable.	PLC having at least four digital O/P , PC either using Parallel or Serial Port(RS232), BB701, SMC 200, CTL 411, PMC 411
				STM 601	2	6	1	80			
				STM 602	4	6	1.5	80			
				STM 980	3	6	1.4	80			
				STM 980	3	24	0.4	80			
				STM 981	7	6	1.4	80			
				STM 982	14	6	2.4	80			
				STM 982	14	12	1.75	70			
				STM 983	20	6	2	65			
				STM 983	20	12	1.5	60			
				STM 1101	20	6	2	65			
				STM 1101	20	12	1.5	60			
				STM 1101(s)	28	6	2	55			
				STM 1101(s)	28	12	1.5	55			
SCD 302 S Rs. 3500 for students.	24VDC, 2.0A Rs. 1500	18 to 24VDC	0.40 to 2.0A	STM 600	1	6	0.4	80	Small portable , Low Cost model, Over Temperature Protection, Inbuilt micro-controller, On board ATMEL Mega8L without embedded codes.	Drive has one Analog I/P(0 to 5 V), 2 I/P for Serial Communication with micro-controller OR POT (RPM control) and switches/signals interface	PLC having at least four digital O/P , PC either using Parallel or Serial Port(RS232), BB701, SMC 200, CTL 411, PMC 411
				STM 601	2	6	1	80			
				STM 602	4	6	1.5	80			
				STM 980	3	6	1.4	80			
				STM 980	3	24	0.4	80			
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				STM 982	14	12	1.75	70			
				STM 983	20	6	2	65			
				STM 983	20	12	1.5	60			
				STM 1101	20	6	2	65			
				STM 1101	20	12	1.5	60			
				STM 1101(s)	28	6	2	55			
				STM 1101(s)	28	12	1.5	55			
SCD 503 U Rs. 6000	48VDC, 3.0A & 24VDC, 0.5A Rs .3000	24 to 60VDC	1.50 to 3.0A	STM 983	20	6	2	80	Very Stable, Highly Rugged, Thermally Protected, Over current Protection with excess Error Indicator/Signal. Easy Diagnostics using 4 LEDs	Optically Isolated four I/Ps for PLC or PC interfacing may be treated as Pulses (Clock) , Direction , Half / Full Step, Enable /Disable. And One output for Drive Fault signal.	PLC having at least four digital O/P and one Input OR BB701, SMC 200, CTL 411, PMC 411
				STM 983	20	12	1.5	75			
				STM 1101	20	6	2	80			
				STM 1101	20	12	1.5	65			
				STM 1101(s)	28	6	2	85			
				STM 1101(s)	28	12	1.5	75			
				STM 1102	40	6	3	75			
				STM 1102	40	12	2	70			
				STM 1102	60	6	3	75			
SCD 707 U Rs. 7000	72VDC, 6.0A & 24VDC, 0.5A Rs.6000	24 to 80VDC	2.0 to 5.0 A	STM 1102	40	6	3	85			
				STM 1102	40	12	2	75			
				STM 1102	60	6	3	85			
				STM 1102	60	12	2	75			
				STM 1700	75	6	4	80			
				STM 1701	120	5	5	75			

- Notes:-
- 1) All above drives are Unipolar.
 - 2) All above drives require 6 or 8 lead stepper motor. Not suitable for 4 Wire motor.
 - 3) Performance Factor: All stepper motors loose torque as speed/rpm increases. However if drive is powerful, it can still run the motors at higher rpms with decent torque. This indicator is notional to compare between drives, for same motor.
 - 4) SMPS : Switch mode power supply. All power supplies are having inbuilt protections like Over laod, Short circuit , Over temp., over voltage. Operational voltage 210VAC to 250VAC
 - 5)Please read our Terms and conditions before ordering.
 - 6)Please read our controllers selection guide