

Annexure-I

Specification: Stepper Motor Driver

S. No.	Parameter	Specification
1	Supply Voltage	20 - 50V DC or higher (or equivalent AC)
2	Output Current	5.5 A or higher
3	Stepper Motor suitability	2 phase and 4 phase stepper motor
4	Protection	Over voltage, Over current / Short circuit, Short (under) voltage
5	Signal Input	TTL compatible and optically isolated
6	Control signals	Pulse (Step), Direction, Enable
7	Pulse (Step) input frequency	200KHz or higher
8	Micro-stepping	Switch selectable from 200 to 20,000 steps/rev or higher
9	Motor operating current setting	Switch selectable in 8 steps (Min to Max) or more
10	Connectors	Screw terminals
11	LED Indication	Power, Protection alarm
12	Motor current in standstill position	Switch selectable to reduce to half of the maximum current setting
13	Isolation Resistance	500M Ω or higher
14	Cooling	Using attached heat sink

Note :

1. **Part number and make of the quoted items** must be clearly mentioned, by which technical specification can be confirmed.