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## Specification Sheet

<b>Item No.</b>	CYS-S1100
<b>Type</b>	Digital
<b>Weight</b>	274± 5 g
<b>Size</b>	79.8*30*64.35MM
<b>Control System</b>	(+)Pulse Width Control 1500usec Neutral
<b>Operating Voltage</b>	9.0~12Volts
<b>Operating Temperature Range</b>	(-)10 to +50 degree C
<b>Operating Speed (9.0V)</b>	0.40 sec/60° at no load
<b>Operating Speed (12 V)</b>	0.30 sec/60° at no load
<b>Stall Torque (9.0V)</b>	90kg.cm
<b>Stall Torque (12 V)</b>	110kg.cm
<b>Direction</b>	Anticlockwise/Pulse Traveling 1000~2000usec
<b>Current Drain (9.0V)</b>	20mA/idle and 80mA no load operating
<b>Current Drain (12 V)</b>	20mA/idle and 100mA no load operating
<b>Stall Current</b>	5.8A/7.5A
<b>Dead Band Width</b>	4usec
<b>Bearing Type</b>	double ball bearing
<b>Horn gear spline</b>	15T/ψ7.7
<b>Gear Type</b>	Steel
<b>Connector Wire Length</b>	300mm
<b>Wire info</b>	Brown/Black = Negative
	Red = Positive
	Orange/White = Signal