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## Specification Sheet

<b>Item No.</b>	CYS-S6028
<b>Type</b>	Digital
<b>Weight</b>	68± 1 g
<b>Size</b>	50.8*35.5*41mm
<b>Control System</b>	Serial half duplex communication
<b>Operating Voltage</b>	6.0~8.4Volts
<b>Operating Temperature Range</b>	(-)10 to +50 degree C
<b>Operating Speed (6.0V)</b>	0.25 sec/60° at no load
<b>Operating Speed (7.4V)</b>	0.20 sec/60° at no load
<b>Stall Torque (6.0V)</b>	11.5kg-cm
<b>Stall Torque (7.4V)</b>	14.5 kg-cm
<b>Travling Angle</b>	300°±10°
<b>Current Drain (6.0V)</b>	30mA/idle and 200mA no load operating
<b>Current Drain (7.4V)</b>	30mA/idle and 240mA no load operating
<b>Stall Current</b>	1.7A/2.0A
<b>Connector wire length</b>	JST plug, PIN # 2.54mm # 4P
<b>Read back function</b>	Yes
<b>Communicate Baudrate</b>	11520
<b>Servo ID</b>	0-253
<b>Resolution Ratio</b>	AD resolution 4096
<b>Storage</b>	Power off to save user Settings