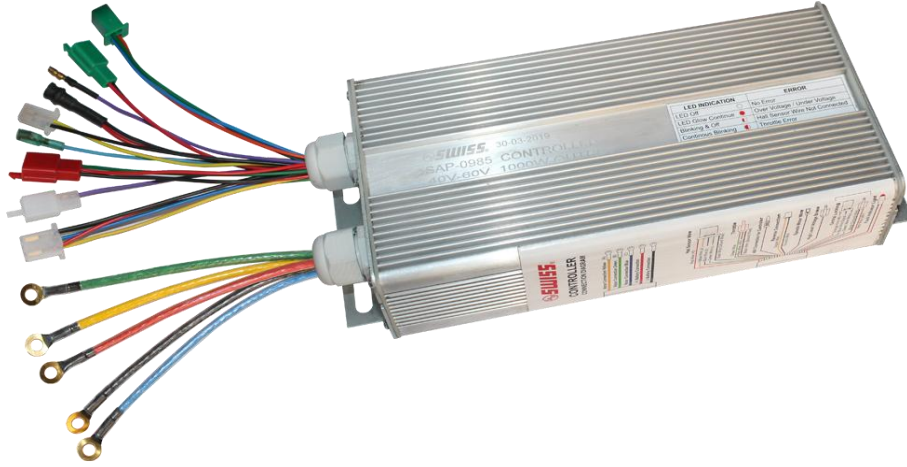


<b>PART No.</b>	SAP-0986A	<b>SPECIFICATIONS</b>
<b>PRODUCT</b>	BLDC MOTOTR CONTROLLER	
<b>TYPE</b>	1250W	
<b>DATE</b>	19-08-2019	



**SPECIFICATIONS**

<b>1</b>	Motor type	BLDC Motor
<b>2</b>	Maximum rated Power	1250W
<b>3</b>	No. of MOSFET's	24 MOSFET's
<b>4</b>	Voltage Range	56V-72V
<b>5</b>	Low Voltage Protection	50V
<b>6</b>	Braking system	Electronic braking
<b>7</b>	Current Limiting	Programmable up to 60A
<b>8</b>	Motor Angle	120°
<b>9</b>	Speed Limit	Programmable up to 3000RPM.
<b>10</b>	Speedo Meter	Analog / Digital
<b>11</b>	Efficiency	> 85%.
<b>12</b>	<b><u>Protection's:</u></b>	
<b>i</b>	Battery Low Protection,	
<b>ii</b>	Hall sensor Failure Protection,	
<b>iii</b>	Over Current Protection,	
<b>iv</b>	Transient surge,	
<b>v</b>	Protection from Jamming Wheels,	
<b>vi</b>	Theft Protection.	
<b>13</b>	<b><u>LED Indication:</u></b>	
	<b>LED INDICATION</b>	<b>ERROR</b>
<b>i</b>	LED OFF	No Error
<b>ii</b>	LED Glow Continue	Over Voltage /Under Voltage
<b>iii</b>	Blinking & off	Hall Sensor wire not Connected
<b>iv</b>	Continuous Blinking	Throttle Error
<b>14</b>	<b><u>Dimension's:</u></b>	
<b>i</b>	Weight	1.6kg.
<b>ii</b>	Length	294.5 ±2mm
<b>iii</b>	Height	59±3mm
<b>iv</b>	Width	121.3±.5mm
<b>v</b>	Hole to Hole Gap	277 ±2mm
	<b><u>Salient Feature's:</u></b>	
<b>15</b>	Standard	IP65
<b>16</b>	Enclosure type	High grade Aluminum.
<b>17</b>	Environmental Conditions	Operating Temperature (0°C~50°C),
<b>18</b>	Digital input for motor direction control,	
<b>19</b>	Detects and reports on loss-of-sensor and motor-fail-to-start faults,	
<b>20</b>	Configurable 120° Hall sensor position,	
<b>21</b>	Synchronous rectification, ultra-low drop, fast PWM to achieve high efficiency.	