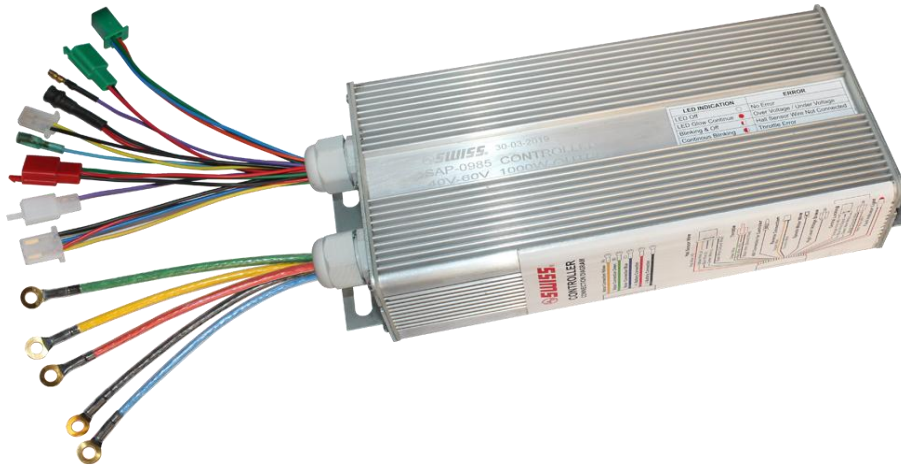


PART No.	SAP-0985A	SPECIFICATIONS
PRODUCT	BLDC MOTOTR CONTROLLER	
TYPE	1250W	
DATE	19-08-2019	



SPECIFICATIONS

1	Motor type	BLDC Motor
2	Maximum rated Power	1250W
3	No. of MOSFET's	24 MOSFET's
4	Voltage Range	42V-60V
5	Low Voltage Protection	42V
6	Braking system	Electronic braking
7	Current Limiting	Programmable up to 60A
8	Motor Angle	120°
9	Speed Limit	Programmable up to 3000RPM.
10	Speedo Meter	Analog / Digital
11	Efficiency	> 85%.
12	<u>Protection's:</u>	
i	Battery Low Protection,	
ii	Hall sensor Failure Protection,	
iii	Over Current Protection,	
iv	Transient surge,	
v	Protection from Jamming Wheels,	
vi	Theft Protection.	
13	<u>LED Indication:</u>	
	LED INDICATION	ERROR
i	LED OFF	No Error
ii	LED Glow Continue	Over Voltage /Under Voltage
iii	Blinking & off	Hall Sensor wire not Connected
iv	Continuous Blinking	Throttle Error
14	<u>Dimension's:</u>	
i	Weight	1.6kg.
ii	Length	294.5 ±2mm
iii	Height	59±3mm
iv	Width	121.3±.5mm
v	Hole to Hole Gap	277 ±2mm
	<u>Salient Feature's:</u>	
15	Standard	IP65
16	Enclosure type	High grade Aluminum.
17	Environmental Conditions	Operating Temperature (0°C~50°C),
18	Digital input for motor direction control,	
19	Detects and reports on loss-of-sensor and motor-fail-to-start faults,	
20	Configurable 120° Hall sensor position,	
21	Synchronous rectification, ultra-low drop, fast PWM to achieve high efficiency.	