

PART No.	SAP-0986A
PRODUCT	BLDC MOTOTR CONTROLLER
TYPE	1250W
DATE	19-08-2019

SPECIFICATIONS



<u>SPECIFICATIONS</u>			
1	Motor type	BLDC Motor	
2	Maximum rated Power	1250W	
3	No. of MOSFET's	24 MOSFET's	
4	Voltage Range	56V-72V	
5	Low Voltage Protection	50V	
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	Protection's:		
i	Battery Low Protection,		
ii	Hall sensor Failure Protection,		
iii	Over Current Protection,		
iv	Transient surge,		
V	Protection from Jamming Wheels,		
vi	Theft Protection.		
40		LED Indication:	
13		LED IIIdication.	
13	LED INDICATION	ERROR	
i	LED OFF	ERROR No Error	
i ii	LED OFF LED Glow Continue	ERROR No Error Over Voltage /Under Voltage	
i ii	LED OFF LED Glow Continue Blinking & off	ERROR No Error	
i ii	LED OFF LED Glow Continue	ERROR No Error Over Voltage /Under Voltage	
i ii iii	LED OFF LED Glow Continue Blinking & off	ERROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected	
i ii iii iv 14 i	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight	ERROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg.	
i ii iii iv 14 i ii	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length	RROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm	
i ii iiv 14 i ii iii	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height	ERROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm	
i ii iiv 14 i iii iiv iv	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width	ERROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm	
i ii iiv 14 i iii iiv iv	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height	ERROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm	
i ii iiv 14 i iii iiv iv	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width	ERROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm	
i ii iiv 14 i iii iiv v	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width	ERROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm 277 ±2mm Salient Feature's:	
i ii iii iv 14 i iii iv v v 15 16	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width Hole to Hole Gap Standard Enclosure type	RROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm 277 ±2mm Salient Feature's: IP65 High grade Aluminum.	
i ii iii iv 14 i iii iiv v 15 16 17	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width Hole to Hole Gap Standard Enclosure type Environmental Conditions	RRROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm 277 ±2mm Salient Feature's: IP65 High grade Aluminum. Operating Temperature (0°C~50°C),	
i ii iii iv 14 i iii iii iv v 15 16 17 18	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width Hole to Hole Gap Standard Enclosure type Environmental Conditions Digital input for motor direct	No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm 277 ±2mm Salient Feature's: IP65 High grade Aluminum. Operating Temperature (0°C~50°C), tion control,	
i ii iii iv 14 i ii iii iv v 15 16 17 18 19	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width Hole to Hole Gap Standard Enclosure type Environmental Conditions Digital input for motor direct Detects and reports on loss-	RROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm 277 ±2mm Salient Feature's: IP65 High grade Aluminum. Operating Temperature (0°C~50°C), tion control, of-sensor and motor-fail-to-start faults,	
i ii iii iv 14 i ii iii iiv v 15 16 17 18 19 20	LED OFF LED Glow Continue Blinking & off Continuous Blinking Weight Length Height Width Hole to Hole Gap Standard Enclosure type Environmental Conditions Digital input for motor direct Detects and reports on loss- Configurable 120° Hall sense	RROR No Error Over Voltage /Under Voltage Hall Sensor wire not Connected Throttle Error Dimension's: 1.6kg. 294.5 ±2mm 59±3mm 121.3±.5mm 277 ±2mm Salient Feature's: IP65 High grade Aluminum. Operating Temperature (0°C~50°C), tion control, of-sensor and motor-fail-to-start faults,	