

Features

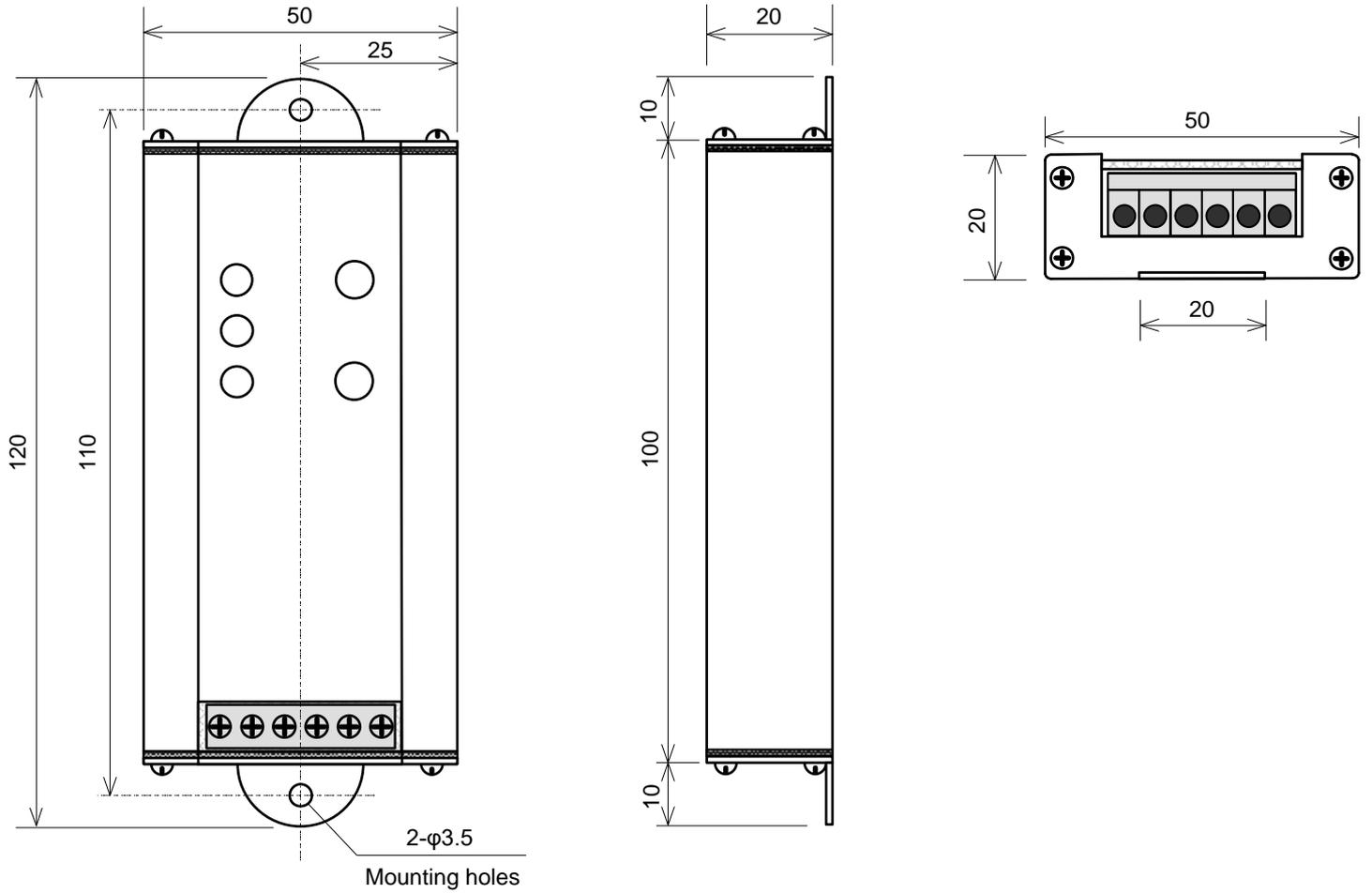
- Night light control and selectable timers
- Early start lighting function
- Unique rate timer
- Self-consumption current only 1mA
- High Reliable Design From Japan
- New vertical style controller
- Reverse polarity protection



Specification

MODEL		SA-MN05-8
System Voltage		12V
Max. Input Voltage		25Vdc
Min. Input Battery Voltage		6Vdc
Max. Input Current		8.5A
Max. Load Current		8.5A
Self-consumption Current		1mA
Load Operation		Load always on, Dusk to dawn, Normal timer, Rate timer
Charging Algorithm		3-stage (Bulk, Absorption, Float)
Charging Voltage	Sealed Battery	14.1Vdc
	Flooded Battery	14.4Vdc
	AGM Battery	14.3Vdc
	Gel Battery	14.0Vdc
Float Charging Voltage	Sealed Battery	13.7Vdc
	Flooded Battery	13.7Vdc
	AGM Battery	13.3Vdc
	Gel Battery	13.7Vdc
Over Discharge Protection	Error	11.5Vdc
	Recovery	12.5Vdc
Battery Type		Sealed, Flooded, AGM, Gel
Wire Size		#22~16 AWG
Grounding		Negative ground
Temperature Coefficient		-30mV/°C
Operation Temperature		-20~60°C
Storage Temperature		-30~70°C
Humidity		5~95%RH non-condensing
Dimensions (DxWxH)		20x50x120mm
Weight		105g

■ ■ Dimensions



Unit [mm]

■ ■ Load Operation Mode

Mode	Load Operation
Night light off	Load always on
Dusk to dawn	Load on from Dusk to Dawn
Normal Timer	Load on 6, 8, 10, 12 or 14 hours of night time from dusk
Rate Timer	Load on 40%, 50%, 60%, 70% or 80% of night time from dusk