

# 24V, Battery Backup System

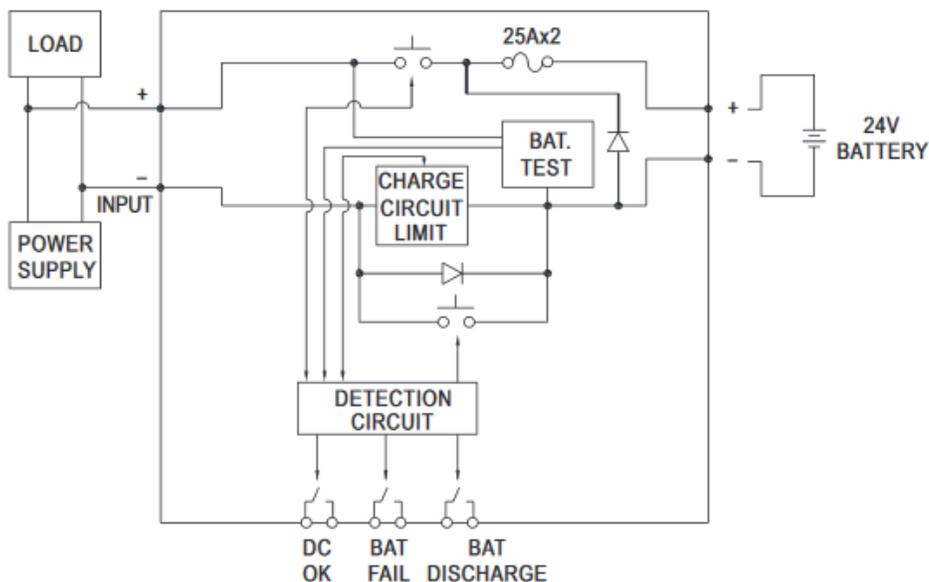
"The Art of Gas Detection"



24V, 7.2AH Battery Backup System

## FEATURES HIGHLIGHT

- Seamlessly connects to all RC Systems controllers
- Battery controller for DIN Rail UPS system
- Parallel connection to DC BUS
- Suitable for 24V system up to 40A
- Built-in battery test function
- Battery polarity protection
- Relay contact signal output and LED indicator for DC BUS OK
- Battery Fail, and Battery Discharge cooling by free air convection



<b>DC Inputs/DC BUS</b>	DC Voltage (Typ.) Note.5	24 ~ 29V
	Rated Current	40A
<b>Battery Input/Output</b>	Voltage Range (Typ.)	21 ~ 29V
	Current Range	0 ~ 40A
	Charge Current (Typ.) Note 4	2A
	External Battery (Typ.)	7 AH/24V, 12AH/24V, 18AH/24V, Customized
<b>Function</b>	Relay Contract Rating (max.)	30VDC, 1A
	DC BUS OK	Relay Contact: short when DC voltage between 21 ~ 29V(±3%), relay contacts LED (Green ) : DC BUS OK: light; DC BUS fail: dark
	Battery Fail Note.2	Short when battery voltage falls below 21.9V(+3%) or battery failure is observed through the battery test function, relay contacts LED (red) : Battery over-discharge warning or battery broken : light ; Batter OK: dark
	Battery Dis-charge	Relay contact: short when battery is in discharge condition, relay contacts LED (yellow) : Battery discharging: light; battery is not discharging or discharging current <2.0A: dark
<b>Environment</b>	Working Temp	-20 ~ +70°C
	Working Humidity	20 ~ 90% RH
	Storage Temp., Humidity	-20 ~ +85°C, 10 ~ 95% RH
	Vibration	Component : 10 ~ 500Hz, 2G 10min/1 cycle, 60min, each X,Y,Z axes; Mounting : Compliance to IEC600068-2-6