

S8BA & BU series – Uninterruptible Power Supplies (UPS)

Lithium-ion batteries can significantly reduce space in a cabinet and the TCO (Capital & Operational expense).

Integrated battery type

LED indicators

Indicate the status of the power supply

Integrated DC/DC Converter

Guarantee a constant output voltage at 24Vdc



Smallest in the market

Compact size with Lithium-ion battery

(120 W) Size : (W)100 x (H)100 x (D)100 mm
Weight : 800 g

Push-in terminal blocks

Provide effortless installation

Hot - swappable batteries

Hot - swappable batteries provide uninterrupted operations at all time

Life expectancy of 10 years

Lithium-ion batteries can cut down a maintenance cost drastically

3X Connection: USB - RS232C - I/O

Communication connections, allow compatibility with variety of factory automation controllers & PC's.

Separated battery type

Flexible buffering time

Separated batteries can provide a power for a long time



Compact size with Lithium-ion battery

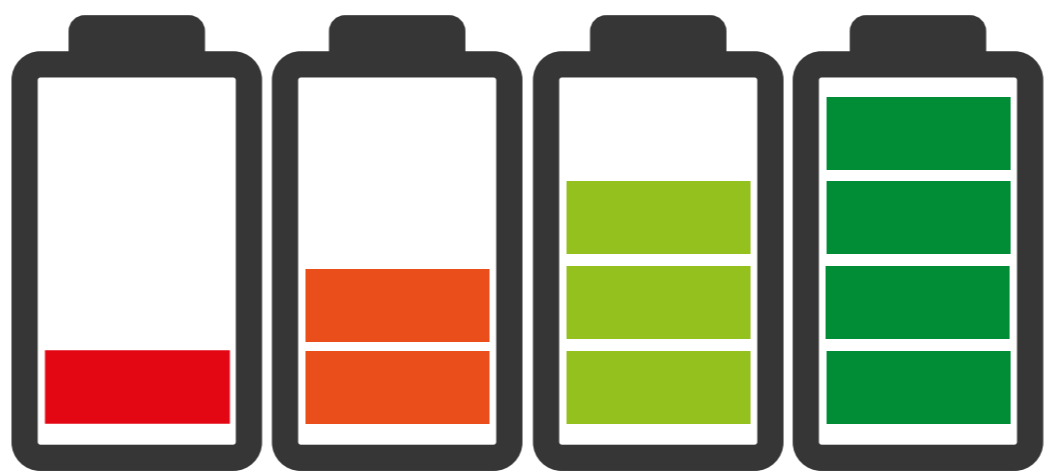
(480 W) Size : (W)124 x (H)124 x (D)111 mm
Weight : 2.1 kg

Harmonized panel design



Compact size (50% reduction; smallest in class) and **Easy wiring** (Push-In Plus technology)

Battery



Long Life expectancy (10 years at 25°C; double lifespan compared to Lead-acid battery)

Lithium-Ion Batteries reduce the TCO (Capital & Operational expense).

Unique 3-in-1 design



3-in-1 design can be smaller and less wiring than the competitors

Network & connection methods



3 connection methods: USB, RS232C and I/O signal

Uninterruptable



Hot swappable batteries provide uninterrupted operations for replacing to new batteries

Cross-border



Global standard approval package

Applications

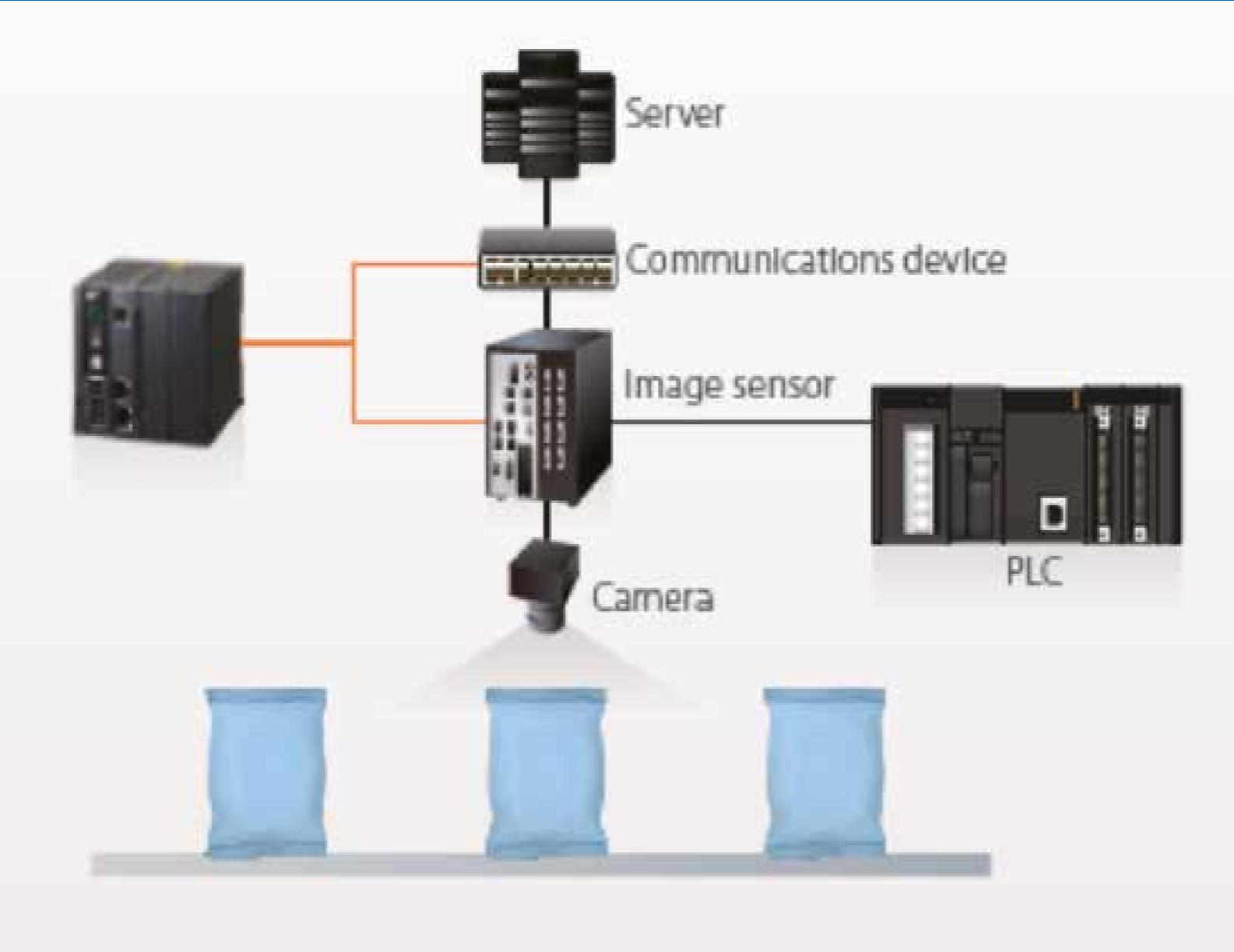
Traceability

Food and Beverage, Commodity

Location: Food & Beverage factory

Equipment: Packaging/labeling inspection machine

Main Connected devices: Image sensor, PLC and communications device



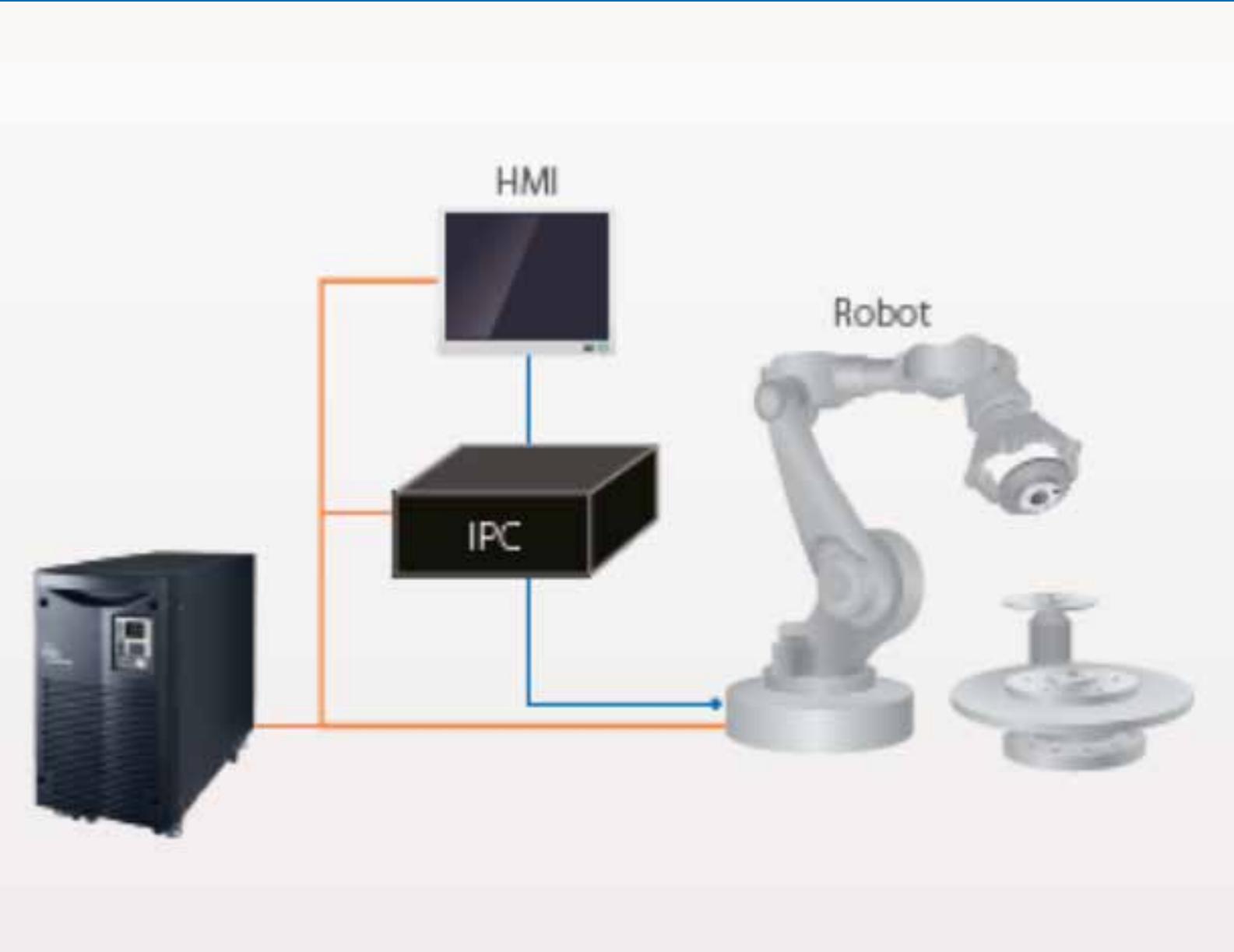
Continuity of cycle

Automotive

Location: Automotive parts manufacturing factory

Equipment: Brake assembly robot

Main Connected device: Robot, Inverter, IPC, HMI



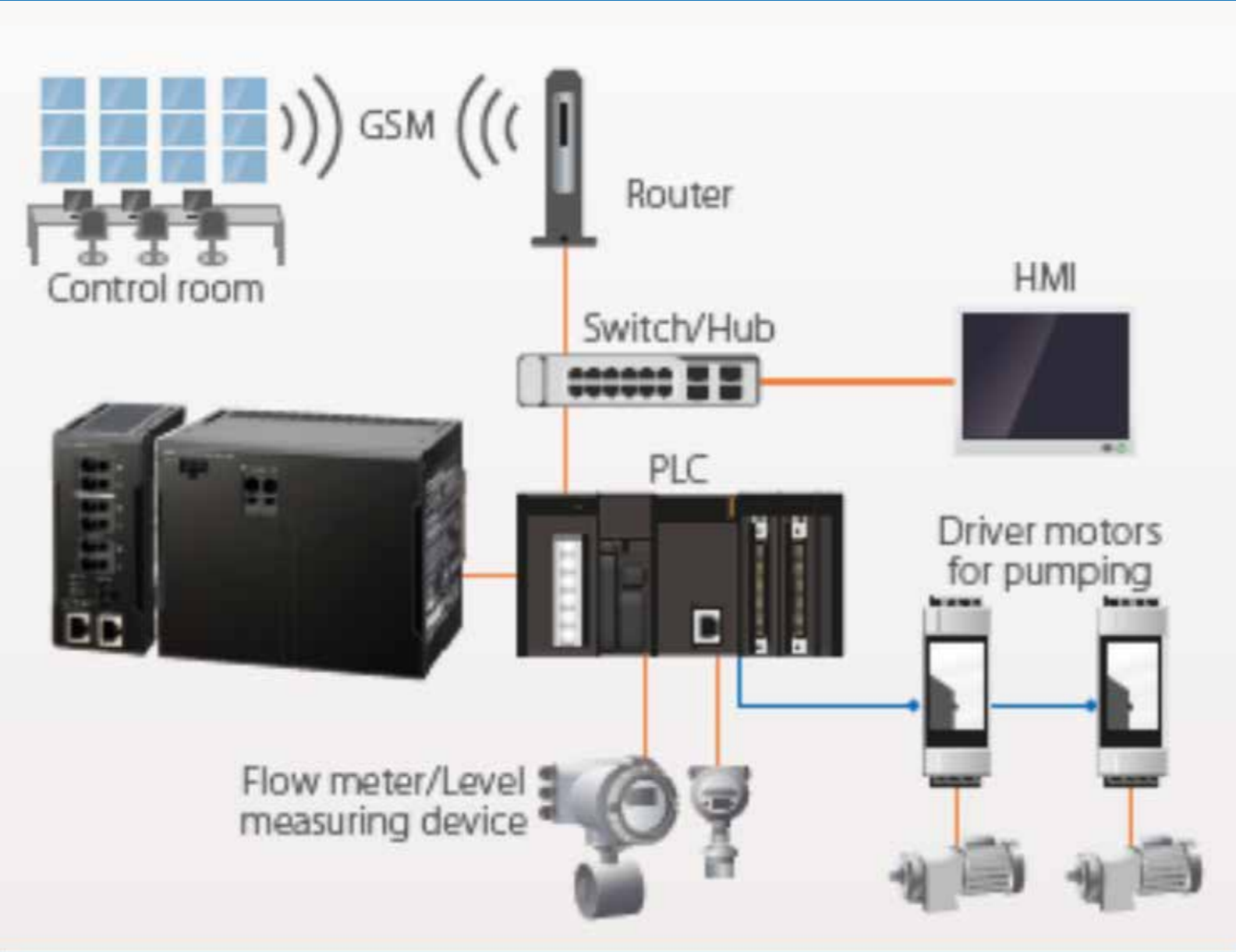
Monitoring

Public/Infrastructure

Location: Water pumping points, outside and outland place under high temperature

Equipment: Water pumping controlling system

Main Connected device: PLC, Flow meter, Level measuring device, Drive motors and Communications device



Sterile conditions

Food and Beverage, Commodity

Location: pharmaceuticals factory

Equipment: pharmaceutical manufacturing machine

Main Connected devices: IPC and valve



Additional features

Control unit(20A/480W)
S8BA-24D24D480SBF

Battery unit(Lithium-ion)
S8BA-S480L

New



Battery communication connector

Control unit(40A/960W)
S8BA-24D24D960SBF

Battery unit(Lithium-ion)
S8BA-S960L

New



I/O signal

RS232C/USB(Serial)

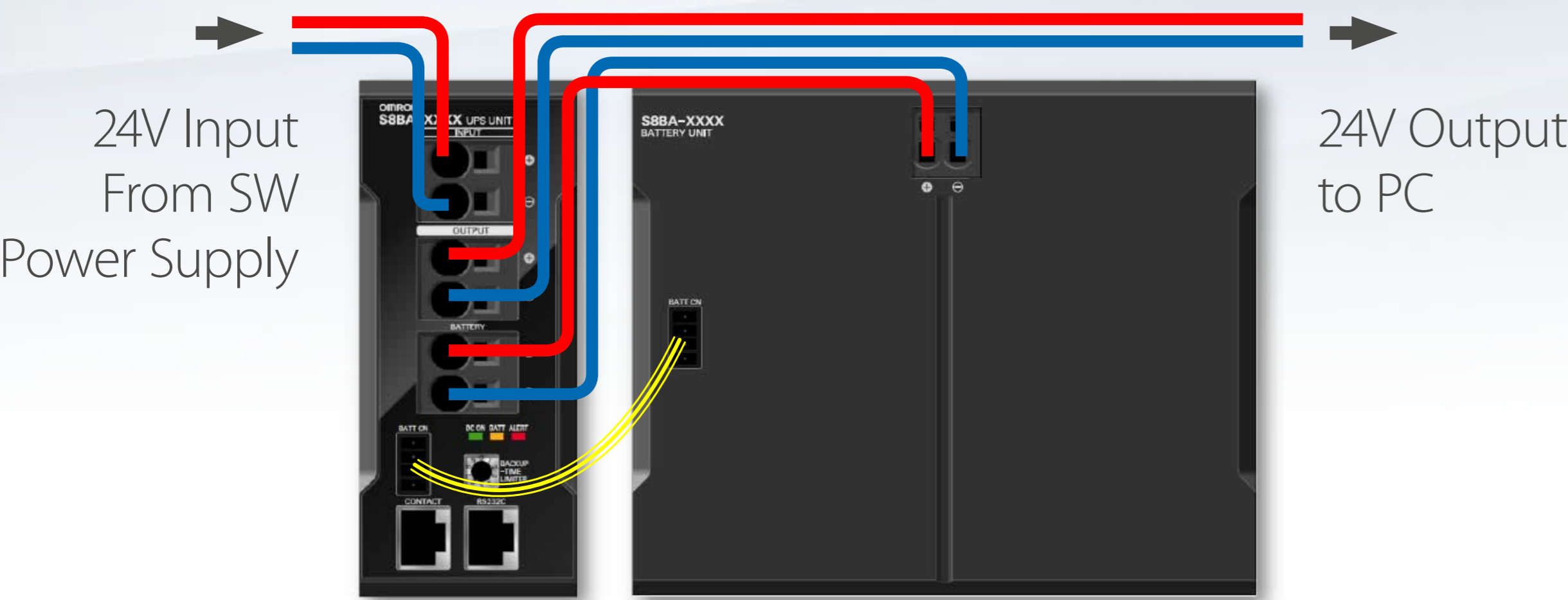
Display of Status:3 LED

Green: Display status of operation mode
Yellow: Display status of battery
Red: Display abnormal status(overload, Break down)

Mode switch/Setting switch of Back-up time











[Mode switch]
Change the mode to normal operation or replacement of a battery
[Setting switch of back-up time]
Set a back-up time

The way of connection between units



Line-up

Wide range up to 40A/960W and flexible buffering time

Capacity ↑	3500W (5000VA)				
	2100W (3000VA)				<div>BU3002SWG</div>
	1400W (2000VA)				
	700W (1000VA)				<div>BU1002SWG</div>
	960W (40A)		<div><div>NEW</div><div>S8BA-24D24D960SBF</div></div>	<div><div>NEW</div><div>S8BA-S960L*1</div></div>	
	480W (20A)	<div>S8BA-24D24D480LF</div>	<div><div>NEW</div><div>S8BA-24D24D480SBF</div></div>	<div><div>NEW</div><div>S8BA-S480L</div></div>	<div><div></div></div>
	360W (15A)	<div>S8BA-24D24D360LF</div>			
	240W (10A)	<div>S8BA-24D24D240LF</div>			
120W (5A)	<div>S8BA-24D24D120LF</div>				
Integrated battery type		Separated battery type		Battery unit	Tower type
		DC-DC UPS S8BA series			AC-AC UPS BU series

Separated batteries can provide a power for a long time

Backup time table (Time unit: minutes)

Model (UPS unit + battery unit)	Connection capacity (w)							
	30	60	120	240	360	480	720	960
S8BA-24D24D960SBF + S8BA-S960L (40A/960W + 7800mAh)	290	138	66	30	20	14	10	6
S8BA-24D24D480SBF + S8BA-S960L (20A/480W + 7800mAh)	290	138	66	30	20	14	-	-
S8BA-24D24D480SBF+ S8BA-S480L (20A/480W + 3900mAh)	134	63	29	15	9	6	-	-

