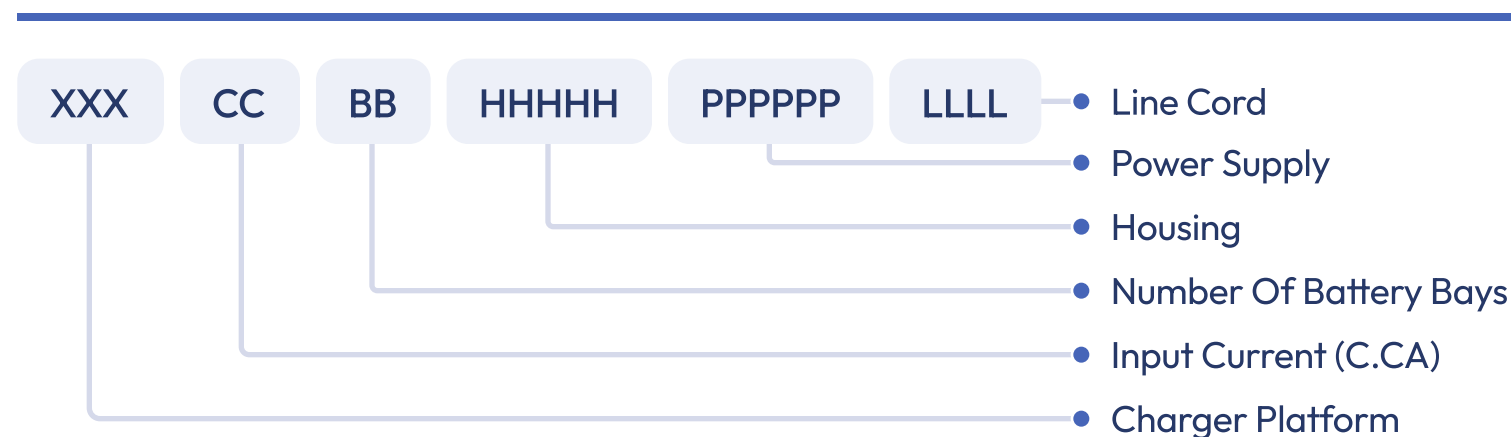


Charger Kit: Product Part Numbering

XXX	CCBB	HHHHH	PPPPPP	LLLL
SBS	2502	00203	PS2524	LCUL

Key



Absolute maximum ratings

Input voltage – 40VDC (max)

General

Maximum Battery Voltage	30V ±0.2VDC
Minimum Battery Voltage	4VDC ±0.05VDC
Maximum Battery Current	4000mA ±100mA
Minimum Battery Current	0mA
Current Granularity	16mA
Operating Temperature	0° C to 50° C
Emergency Shutdown Temp.	>65° C (Either Bay)

Physical & Environmental

Dimensions	6.89" x 4.89" x 2.30" 175mm x 124mm x 58mm
Weight	13.6oz (358g)
Material	ABS GSM
Battery Bay Geometry	Various Available
Input Connector	2.5mm (Center Positive)
Storage Temperature	20° C to 70° C
Humidity	15% to 95% (Non-Condensing)

Recalibration

Implementation	SMBus Batteries Only
Activation	Push Button
Basic Algorithm	Charge-Discharge-Charge
Discharge Rate	1000mA (max)
Discharge Termination	Status Register= xxxx xxxx xx1x xxxx (Binary)

LED Indications

Off	No Battery Detected
Green Flashing	Fast Charge
Green Solid	Fully Charged
Yellow Flashing	Recalibrated
Yellow/Green	Recalibrated
Yellow Solid	Standby or Suspend
Red Flashing	Error

SBS-4002	Smart Batteries (SMBus)	Non-SMBus
Termination Algorithm	Status Register=xxxx xxxx xx1x xxxx (Binary)	N/A
Chemistry	Any	N/A
Wake-up Current	Determined by battery	N/A
Wake-up Period	~250mA	N/A
Charge Current	BMS-0503-04250	N/A
Charge Voltage Limit	Determined by Battery	N/A
Communications Polling Rate	6 Seconds	N/A
Termination Value	Determined by Battery	N/A
Override Timer	None	N/A
Suspend Charging	Dependent on Battery Alarm Bits	N/A

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