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10A Smart Battery Charger

PULSE · MAINTAIN · RESTORE

One Charger Covers Every Battery
Type 10A Smart Power
6V & 12V Lead-Acid & Lithium LiFePO₄

PID: PULSE10



More than A Charger - Complete Battery Lifecycle Care

10A · 6V/12V · Lead-Acid+ Lithium LiFePO₄



Charges Deeply-Discharged Batteries Down To 1V

Pulse Repair: Fixes Sulfation & Stratification, Restores Battery Performance.



9-Step Auto-Charging 24/7 Safe Maintain

Thermal-Regulated Charging From -4°F-104°F. Retains Mode after Power Cut.



Auto-Detects 6V and 12V Systems Across Six Chemistries

Wet, Gel, AGM, EFB, Maintenance-Free And LiFePO₄.

APPLICATIONS



Car/SUV



Motorcycle



Marine



RV / Camper



Lawn & Garden



Generator / Backup

Technical Specifications

10A / 5A / 2A SMART CHARGER

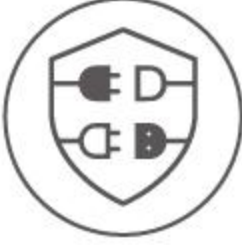


PID	PULSE10	PULSE5	PULSE2
Output Current	10A	5A	2A
Output Voltage	6V / 12V	6V / 12V	6V / 12V
Input Voltage	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz
Low-Voltage Recovery	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V
Modes	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair
Temperature Control	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation
Status Display	Real-Time LED Indicators	Real-Time LED Indicators	Real-Time LED Indicators
Battery Compatibility	AGM, SLA, VRLA, LiFePO ₄ , Lithium	AGM, SLA, VRLA, LiFePO ₄ , Lithium	AGM, SLA, VRLA, LiFePO ₄ , Lithium
Safety Certifications	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA
Accessories	1*75" AC Power Cord 1*21" Battery Clips With- Integrated Terminals 1*56" DC Extension Cable 1*Mounting Bracket & Strap 2*#8 x 1" Self-Tapping Screws 1*Quick Start Guide	1*75" AC Power Cord 1*21" Battery Clips With- Integrated Terminals 1*56" DC Extension Cable 1*Mounting Bracket & Strap 2*#8 x 1" Self-Tapping Screws 1*Quick Start Guide	1*75" AC Power Cord 1*21" Battery Clips With- Integrated Terminals 1*56" DC Extension Cable 1*Mounting Bracket & Strap 2*#8 x 1" Self-Tapping Screws 1*Quick Start Guide

SAFETY PROTECTION



LED Monitoring
For Safe Use



Reverse Polarity
Protection



IP67 Waterproof



Short Circuit
Protection



Overvoltage
Protection



Overcurrent
Protection

3 YEAR

Limited Warranty · Nationwide Service · Dedicated Support

35A Smart Battery Charger

PULSE · MAINTAIN · RESTORE

Tailored for 6V/12V/24V Lead-Acid, 12V/24V Lithium, 12V/24V LiFePO₄ Batteries
Charging · Maintain · Desulfation · Supply

PID: GS450C



Accurate Charging with LCD Screen and Button

Displays real-time charging status and parameters.



Temperature Compensation

Auto-adjusts charging voltage for optimal performance in any climate.



Intelligent Cooling System

Prevents overheating for optimal charging performance and longer battery life.

APPLICATIONS



Car/SUV



Motorcycle



Personal Watercraft (PWC)



RV / Camper



Lawn & Garden



Generator / Backup

Technical Specifications

35A / 25A / 20A SMART CHARGER



PID	GS450C	GS350C	GS280C
Output Current	35A Max	25A Max	20A Max
Output Voltage	6V / 12V / 24V	6V / 12V / 24V	6V / 12V / 24V
Input Voltage	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz
Low-Voltage Recovery	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V
Modes	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair
Temperature Control	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation
Status Display	Real-Time LCD Screen	Real-Time LCD Screen	Real-Time LCD Screen
Battery Compatibility	AGM, SLA, VRLA, LiFePO ₄ , Lithium	AGM, SLA, VRLA, LiFePO ₄ , Lithium	AGM, SLA, VRLA, LiFePO ₄ , Lithium
Safety Certifications	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA
Accessories	1*Battery Charging Cable 1*Figure-8 Power Cord (With Plug) 2*Copper Wire Terminals 1*Quick Start Guide	1*Battery Charging Cable 1*Figure-8 Power Cord (With Plug) 2*Copper Wire Terminals 1*Quick Start Guide	1*Battery Charging Cable 1*Figure-8 Power Cord (With Plug) 2*Copper Wire Terminals 1*Quick Start Guide

SAFETY PROTECTION



Cooling Fan



LED Indicator For Safe Use



Overvoltage Protection



Reverse Polarity Protection



Short Circuit Protection



Overcurrent Protection

3 YEAR

Limited Warranty · Nationwide Service · Dedicated Support

35A Smart Battery Charger

PULSE · MAINTAIN · RESTORE

Built for 6V/12V/24V Lead-Acid, 12V/24V Lithium, and 12V/24V LiFePO₄ Batteries.
Optimized Cables And Clamps Ensure Reliable, Low-Resistance Connections
Charging · Maintain · Desulfation · Supply

PID: PULSE VIEW35



Smart Enough to Keep Your Battery Going Strong



Accurate Charging with LCD Screen and Button

Displays real-time charging status and parameters.



Temperature Compensation

Auto-adjusts charging voltage for optimal performance in any climate.



Intelligent Cooling System

Prevents overheating for optimal charging performance and longer battery life.

APPLICATIONS



Car/SUV



Motorcycle



Personal Watercraft (PWC)



RV / Camper



Lawn & Garden



Generator / Backup

Technical Specifications

35A / 25A / 20A SMART CHARGER

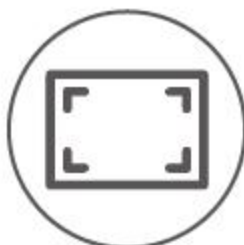


PID	PULSE VIEW35	PULSE VIEW25	PULSE VIEW20
Output Current	35A Max	25A Max	20A Max
Output Voltage	6V / 12V / 24V	6V / 12V / 24V	6V / 12V / 24V
Input Voltage	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz
Low-Voltage Recovery	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V
Modes	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair
Temperature Control	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation
Status Display	Real-Time LCD Screen	Real-Time LCD Screen	Real-Time LCD Screen
Battery Compatibility	AGM, SLA, VRLA, LiFePO ₄	AGM, SLA, VRLA, LiFePO ₄	AGM, SLA, VRLA, LiFePO ₄
Safety Certifications	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA
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SAFETY PROTECTION



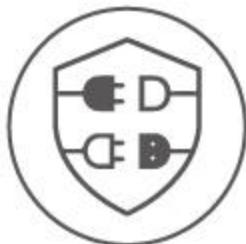
Cooling Fan



LCD Monitoring
For Safe Use



Overvoltage
Protection



Reverse Polarity
Protection



Short Circuit
Protection



Overcurrent
Protection

3 YEAR

Limited Warranty · Nationwide Service · Dedicated Support

PULSE • MAINTAIN • RESTORE



From Garage to Course, It's Ready



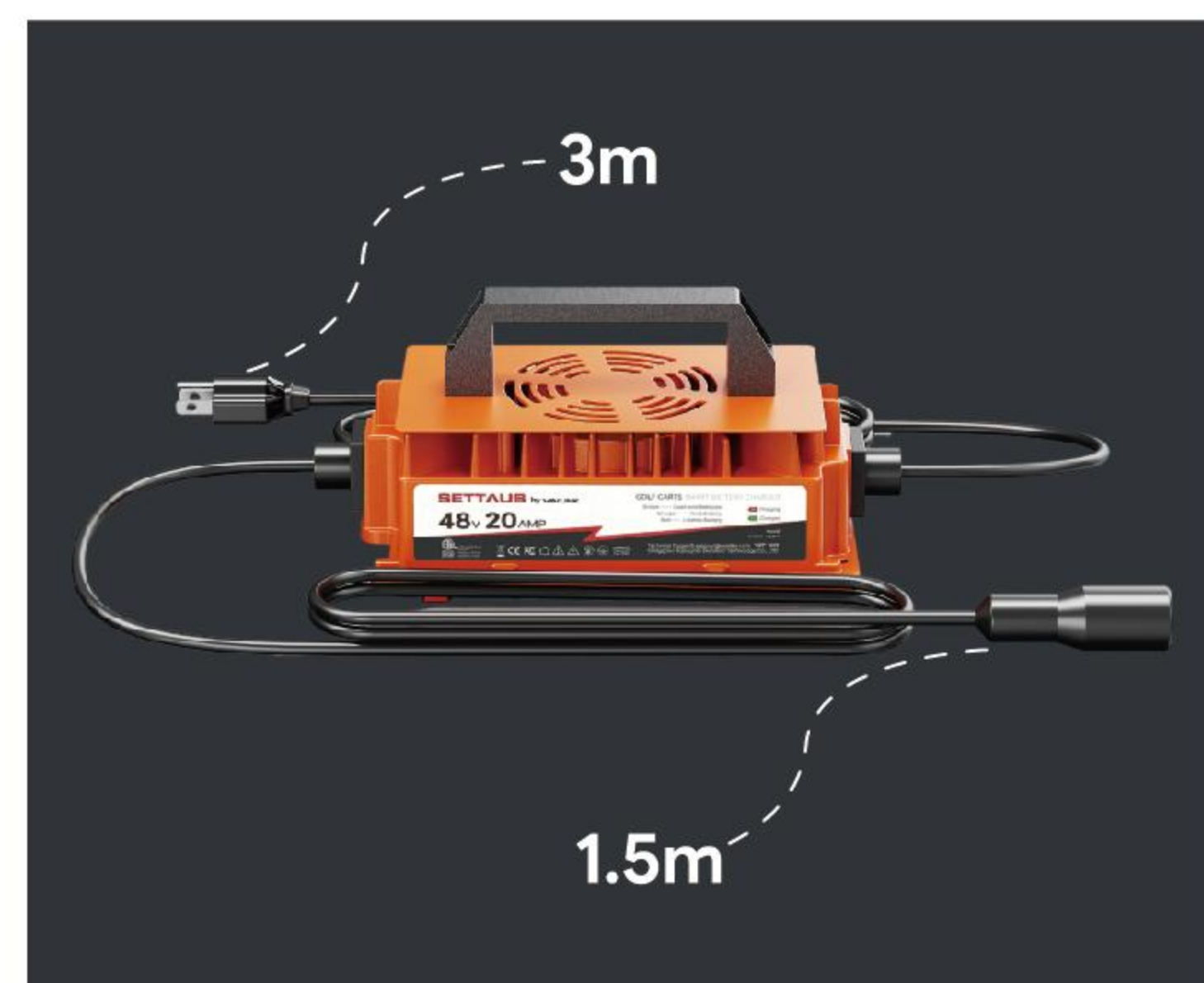
IP67 Waterproof & Industrial Aluminum Housing

Rain/dust/snow/mud resistant, die-cast aluminum housing for heat dissipation & drop resistance, plus waterproof connectors for outdoor durability.



LED Status Indication, Auto-Stop Charging

LED status display. Auto shut-off when fully charged.



High-Efficiency Output & Quality Cables

High-efficiency, low-power 48V/15A output. 3m AC & 1.5m DC rubber cables are wear-resistant, anti-aging, and flexible for daily use.

APPLICATIONS



Golf Cart



RV



Car/SUV



Trucks



Forklifts



Boats

Technical Specifications

20A / 15A / 18A BATTERY CHARGER



PID	ChargeX 20	ChargeX 13	ChargeX 12
Output Current	20A	15A	15A
Output Voltage	48V / 58.4V (51.2V)	48V	48V
Input Voltage	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz
Waterproof	IP67 With Waterproof Connectors	IP67	IP67
Charging Technology	3-Stage Smart Charging With BMS Protection	4-Stage Smart Charging	4-Stage Smart Charging
Temperature Control	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation
Status Display	LED Indicator	LED Indicator	LED Indicator
Fan	✓	✓	✓
Housing	One-Piece Die-Cast Aluminum	One-Piece Die-Cast Aluminum	One-Piece Die-Cast Aluminum
Vehicle & Connector Compatibility	For 48V LiFePO ₄ Golf Carts, RVs, Cars, Trucks, Klifts, and Marine Vessels	For Yamaha G19-G22 With 2-Pin Plug	for EZGO RXV & TXT With 3 Pin Triangular Plug
Battery Compatibility	LiFePO ₄	AGM, SLA, Gel	AGM, SLA, Gel
Safety Certifications	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA
Accessories	1*Quick Start Guide	1*Quick Start Guide	1*Quick Start Guide



PID	ChargeX 14	ChargeX 11	ChargeX 18
Output Current	15A	15A	18A
Output Voltage	48V	48V	36V
Input Voltage	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz
Waterproof	IP67	IP67	IP67
Charging Technology	4-Stage Smart Charging	4-Stage Smart Charging	4-Stage Smart Charging
Temperature Control	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation	Built-in Sensor With Dynamic Compensation
Status Display	LED Indicator	LED Indicator	LED Indicator
Fan	✓	✓	✓
Housing	One-Piece Die-Cast Aluminum	One-Piece Die-Cast Aluminum	One-Piece Die-Cast Aluminum
Vehicle & Connector Compatibility	For Yamaha G29 With 3-Pin Leaf Plug	For Club Car 3-Pin Round Plug	For EZGO TXT With D Style Plug
Battery Compatibility	AGM, SLA, Gel	AGM, SLA, Gel	AGM, SLA, Gel
Safety Certifications	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA
Accessories	1*Quick Start Guide	1*Quick Start Guide	1*Quick Start Guide

4-Band 10Amp Marine Battery Charger

4 Banks, 10A Each, Charge Together or Individually

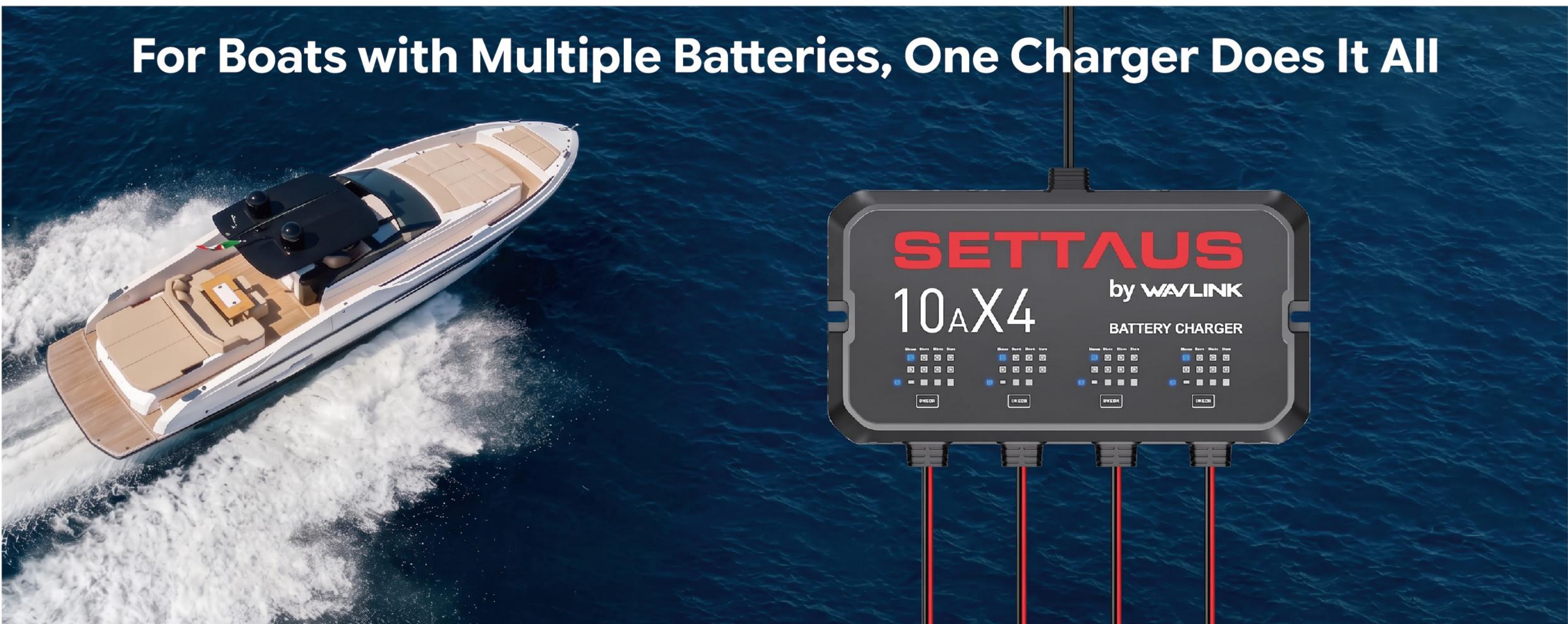
-  12V SLA, AGM, Lithium, and Calcium
-  Force Charging & Trickle Charging
-  Automatic Repair
-  Advanced Detection

PID: PULSE10 X4

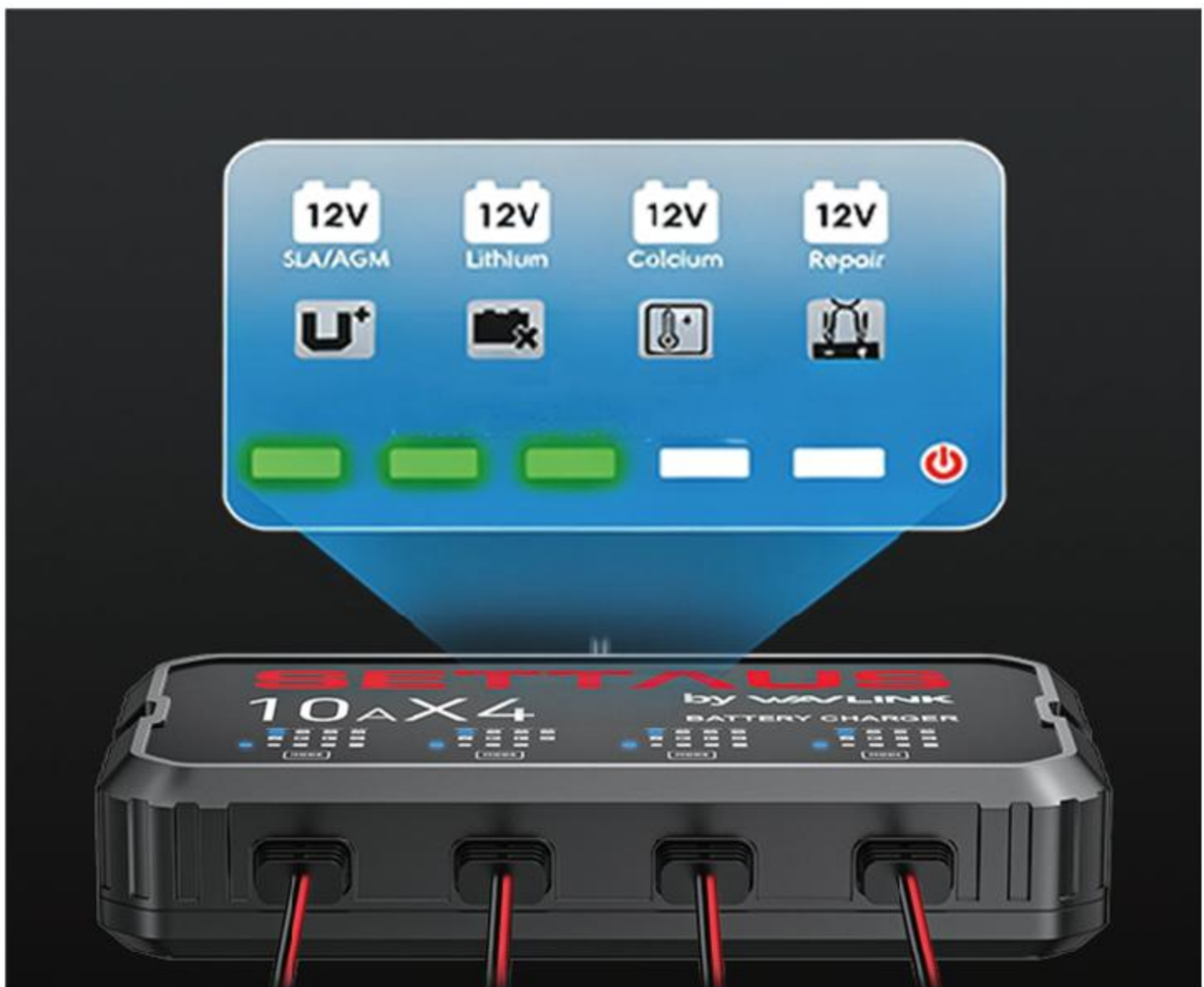
PULSE · MAINTAIN · RESTORE



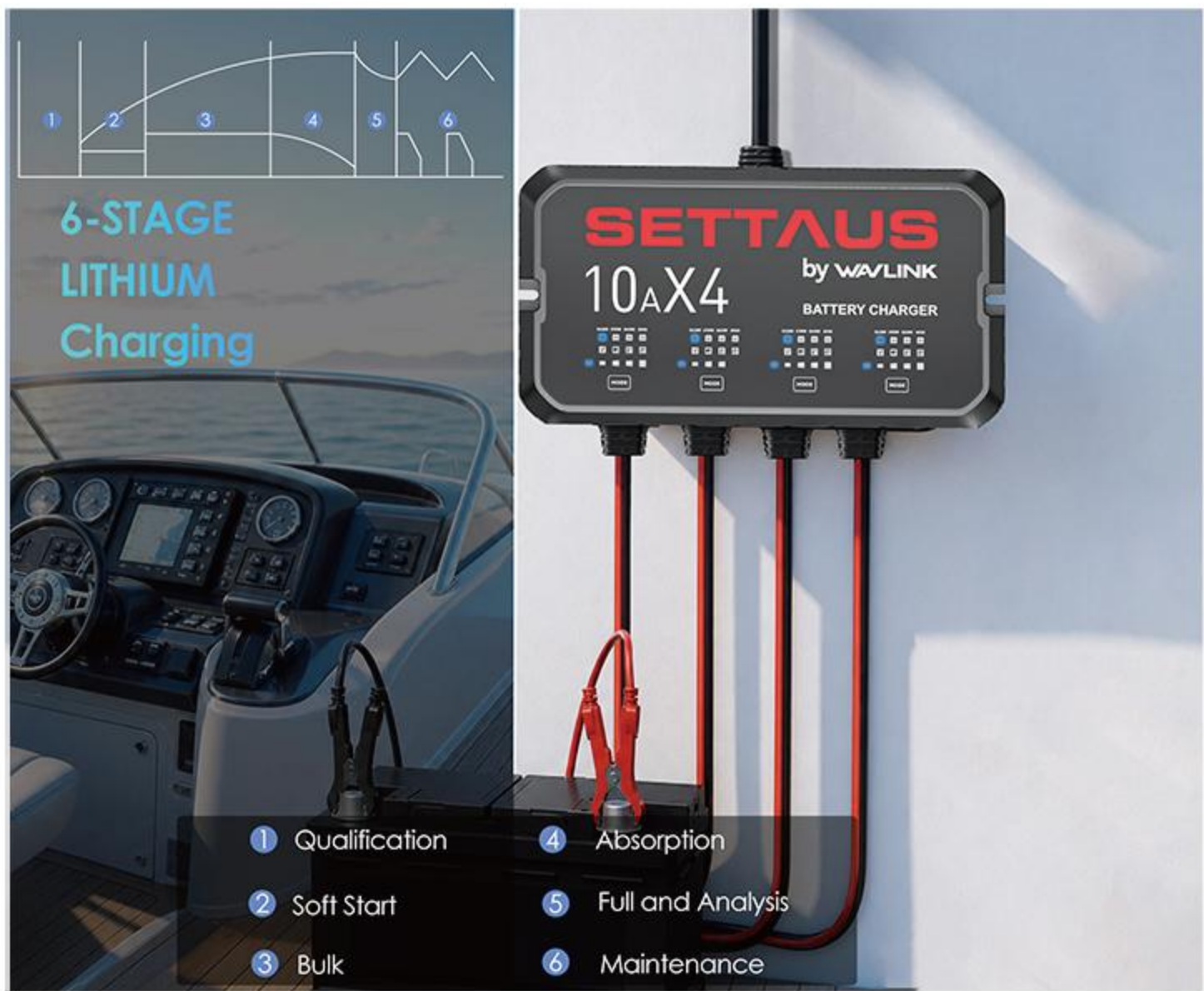
For Boats with Multiple Batteries, One Charger Does It All



IP68 Waterproof, Shockproof.
Built for Harsh Environments.
Designed for docks, decks, and other marine environments where reliable charging is critical.



LED Status Indication
Thermal-Regulated Charging From -4°F-104°F.
Retains Mode After Power Cut.



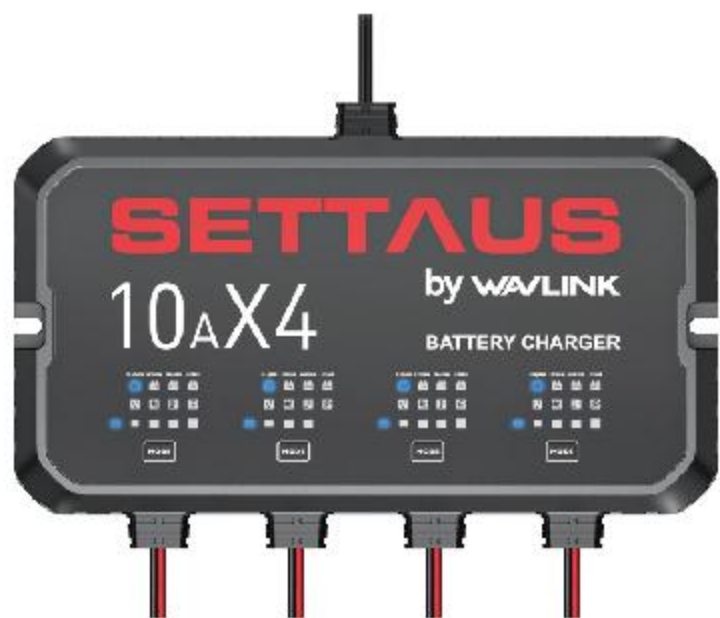
9-Stage Smart Charging
Auto-adjusts voltage/current across 9 stages for fast, safe charging; prevents overcharging/overheating and helps reverse sulfation to extend battery life.

APPLICATIONS

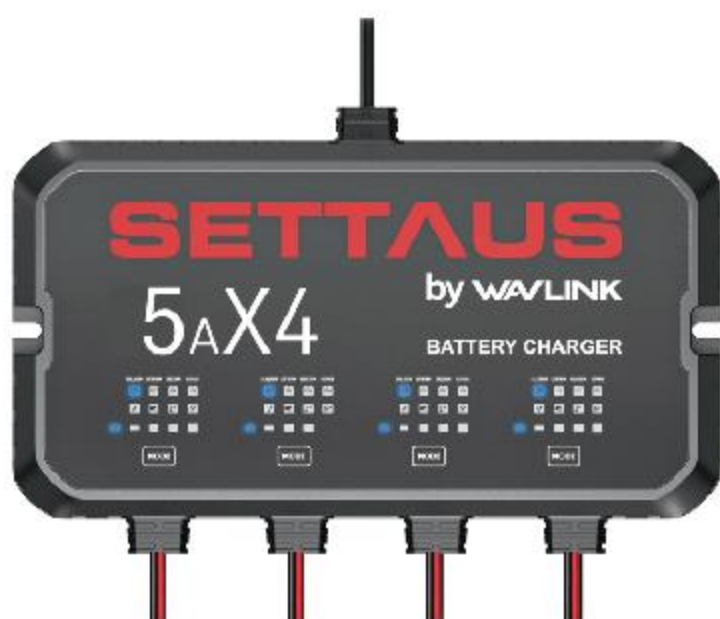
-  Small speedboats
-  Jet Skis
-  Personal Watercraft
-  Offshore Fishing Boats
-  Mid-to-Large Sailboats
-  Cruisers

Technical Specifications

10A / 5A MARINE BATTERY CHARGER



PID	PULSE10 X4	PULSE10 X3	PULSE10 X2	ICM10D
Output Current Per Channel	10A	10A	10A	10A
Output Voltage Per Channel	12V	12V	12V	12V
DC Output Channel	4	3	2	2
Input Voltage	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz
Waterproof	IP68	IP68	IP68	IP68
Charging Technology	9-Stage Smart Charging	9-Stage Smart Charging	9-Stage Smart Charging	9-Stage Smart Charging
Modes	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair
Status Display	LED Indicator	LED Indicator	LED Indicator	LED Indicator
Battery Compatibility	12V SLA/AGM, 12V Lithium, 12V Calcium	12V SLA/AGM, 12V Lithium, 12V Calcium	12V SLA/AGM, 12V Lithium, 12V Calcium	12V SLA/AGM, 12V Lithium, 12V Calcium
Low-Voltage Recovery	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V
Safety Certifications	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA
Accessories	4*Battery Clips 4*Battery Connectors 4*Spare Fuses; 4*Screws 1*Quick Start Guide	3*Battery Clips 3*Battery Connectors 3*Spare Fuses; 4*Screws 1*Quick Start Guide	2*Battery Clips 2*Battery Connectors 2*Spare Fuses; 4*Screws 1*Quick Start Guide	2*Battery Clips 2*Battery Connectors 2*Spare Fuses; 4*Screws 1*Quick Start Guide



PID	PULSE5 X4	PULSE5 X3	PULSE5 X2	ICM5E
Output Current Per Channel	5A	5A	5A	5A
Output Voltage Per Channel	12V	12V	12V	12V
DC Output Channel	4	3	2	3
Input Voltage	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz
Waterproof	IP68	IP68	IP68	IP68
Charging Technology	9-Stage Smart Charging	9-Stage Smart Charging	9-Stage Smart Charging	9-Stage Smart Charging
Modes	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair	Charge / Maintain / Trickle / Pulse Repair
Status Display	LED Indicator	LED Indicator	LED Indicator	LED Indicator
Battery Compatibility	12V SLA/AGM, 12V Lithium, 12V Calcium	12V SLA/AGM, 12V Lithium, 12V Calcium	12V SLA/AGM, 12V Lithium, 12V Calcium	12V SLA/AGM, 12V Lithium, 12V Calcium
Low-Voltage Recovery	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V	Manual Force-Charge Down to 1V
Safety Certifications	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA	FCC \ ETL \ CSA \ DOE \ CEC \ CB \ SAA
Accessories	4*Battery Clips 4*Battery Connectors 4*Spare Fuses; 4*Screws 1*Quick Start Guide	3*Battery Clips 3*Battery Connectors 3*Spare Fuses; 4*Screws 1*Quick Start Guide	2*Battery Clips 2*Battery Connectors 2*Spare Fuses; 4*Screws 1*Quick Start Guide	3*Battery Clips 3*Battery Connectors 3*Spare Fuses; 4*Screws 1*Quick Start Guide

04

RV Power Converter

GS1500RV-80 / GS800RVP-55 / GS800RV-55

Technical Specifications

80A / 55A / 55A RV POWER CONVERTER



PID	GS1500RV-80	GS800RVP-55	GS800RV-55
Current	80A Max.	55A Max.	55A Max.
Output Voltage	12V-14.6V	12V-14.6V	12V-14.6V
Fixed Voltage Mode	Manual Adjustment Between 13V and 16.5V	Manual Adjustment Between 13V and 16.5V	Manual Adjustment Between 13V and 16.5V
Input Voltage	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz	100-120 VAC, 50-60Hz
Compatibility	Lead-Acid, LiFePO ₄ , Li-ion Battery	Battery: Lead-Acid, LiFePO ₄ , Li-ion Converter/Charger: WF-8955PEC / WF-8955MBA/WF-8955-AD-MBA	Lead-Acid, LiFePO ₄ , Li-ion
Fan	✓	✓	✓
Housing	Metal	Metal	Metal
Status Display	LED Indicator	LED Indicator	LED Indicator
Safety Certifications	Short-Circuit, Over-Temperature, Overload, Low-Voltage, Over-Voltage, Reverse Polarity Protection	Short-Circuit, Over-Temperature, Overload, Low-Voltage, Over-Voltage, Reverse Polarity Protection	Short-Circuit, Over-Temperature, Overload, Low-Voltage, Over- Voltage, Reverse Polarity Protection
Certifications	FCC \ ETL\ CSA	FCC \ ETL \ CSA	FCC \ ETL \ CSA
Accessories	1*Fuse Puller 1*Screwdriver 4*Spare Fuses 1*Quick Start Guide	1*Screwdriver 2*LED Light Strap 1*Quick Start Guide	1*Fuse Puller 1*Screwdriver 3*Spare Fuses 1*Quick Start Guide

SAFETY PROTECTION



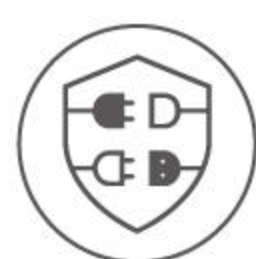
Cooling Fan



LED Indicator
For Safe Use



Overvoltage
Protection



Reverse Polarity
Protection



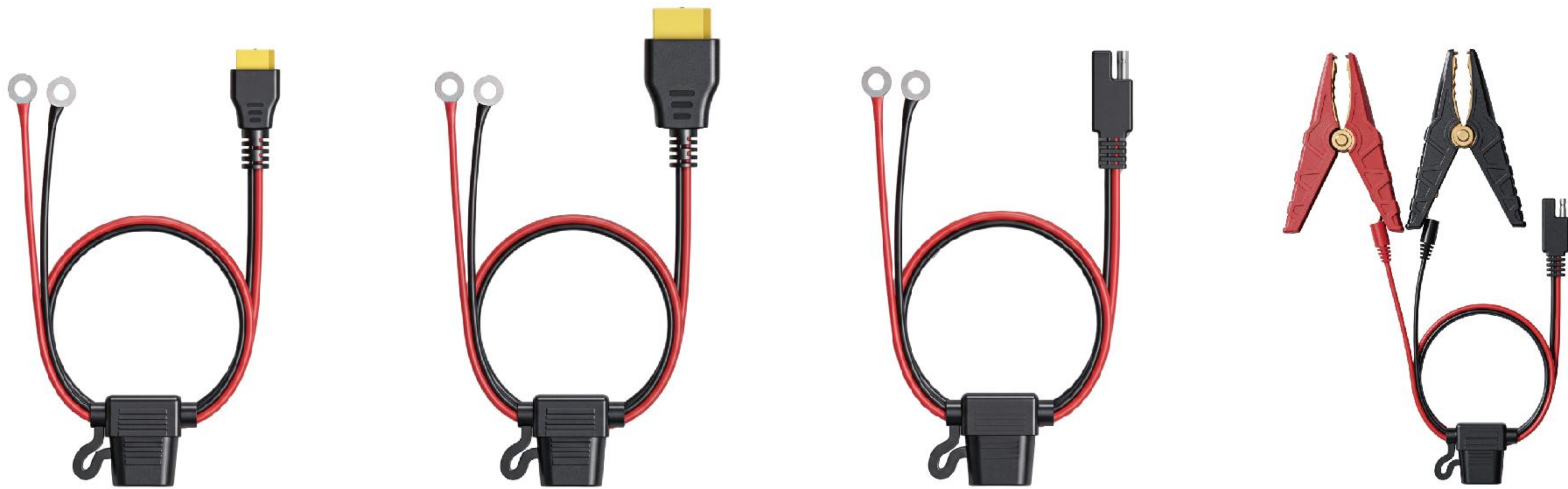
Short Circuit
Protection



Overcurrent
Protection

3 YEAR

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PID	PULSE K1	PULSE K2	PULSE K3	PULSE K3
Cable Length	24in(61cm)	24in(61cm)	24in(61cm)	18.5in(47cm)
Eyelet Hole	M8	M8	M8	M8
Wire Gauge	10 AWG All-Coper Wire	8 AWG All-Coper Wire	14 AWG All-Coper Wire	14 AWG All-Coper Wire
Contact Material	Copper	Copper	Copper	Copper / Metal
Clamping Span	/	/	/	1.65 in (4.2 cm)
Clamp Profile	/	/	/	Needle-Nose Design
Output Connection	/	/	/	Battery Clamps
Housing Material	Rubber	Rubber	Rubber	Rubber
Connector Type	Bolt-on&XT60	Bolt-on&XT90	Bolt-on&SAE	Battery Clamps& Bolt-on&SAE
Weight	0.55 lb / 191 g	0.55 lb / 191 g	0.55 lb / 191 g	0.55 lb / 191 g
Fuse Rating	Built-in 30A Micro Blade Fuse	Built-in 40A Micro Blade Fuse	Built-in 15A Micro Blade Fuse	Built-in 15A Micro Blade Fuse
Minimum Current	25A	35A	10A	10A
Maximum Wire Diameter	0.21 in	0.28 in	0.15 in	0.15 in
Safety Protection	Overload Or Short Circuit Via Built-in 30A Fuse	Overload Or Short Circuit Via Built-in 40A Fuse	Overload Or Short Circuit Via Built-in 15A Fuse	Overload Or Short Circuit Via Built-in 15A Fuse
Certification	CE, UL, FCC	CE, UL, FCC	CE, UL, FCC	CE, UL, FCC