ProVista
GROUP 保力集團

HEX
SMART BATTERY CHARGER SERIES

PATENT PENDING
Innovation Design & Technology

Product Name	HEX 4A Smart Battery Charger		HEX 8A Smart Battery Charger		HEX 16A Smart Battery Charger		HEX 24A Smart Battery Charger	
Version	Premium	Standard	Premium	Standard	Premium	Standard	Premium	Standard
Model No.	HXP040	HXS040	HXP080	HXS080	HXP016	HXS016	HXP024	HXS024
Charging Type	SMART CHARGING							
Battery Type	6V/12V: Lead Acid, AGM, EFB, STD, Lithium		12V/24V: Lead Acid, AGM, EFB, STD, Lithium	12V: Lead Acid, AGM, EFB, STD, Lithium	12V/24V: Lead Acid, AGM, EFB, STD, Lithium	12V: Lead Acid, AGM, EFB, STD, Lithium	12V/24V: Lead Acid, AGM, EFB, STD, Lithium	12V: Lead Acid, AGM, EFB, STD, Lithium
Voltage (V)	6V / 12V		12V / 24V	12V	12V / 24V	12V	12V / 24V	12V
Charge Capacity (A/H)	5 - 120 Ah for Lead Acid, AGM, EFB, STD batteries Lithium 12.8V LiFePO4 batteries (8-50 Ah)		10 - 250 Ah for Lead Acid, AGM, EFB, STD batteries Lithium 12.8V LiFePO4 batteries (10-120 Ah)		20 - 350 Ah for Lead Acid, AGM, EFB, STD batteries Lithium 12.8V LiFePO4 batteries (20-200 Ah)		45 - 500 Ah for Lead Acid, AGM, EFB, STD batteries Lithium 12.8V LiFePO4 batteries (30-250 Ah)	
Charging Current	6V: 1A / 4A 12V: 1A / 4A		12V: 2A / 4A / 8A 24V: 2A / 4A	12V: 2A / 4A / 8A	12V: 4A / 8A / 16A 24V: 4A / 8A	12V: 4A / 8A / 16A	12V: 6A / 12A / 24A 24V: 6A / 12A	12V: 6A / 12A / 24A
Desulfation Function	YES							
Charging Stage	9 Stages							
Charging Status Display	6 bars of Hexagon Display indicator **1st bar** [0%: 12.0-12.7V]; **2nd bar** [20%: 12.7-13.2V]; **3rd bar** [40%: 13.2-13.7V]; **4th bar** [60%: 13.7V-Absorption Charge starts]; **5th fifth** bar [80%: Absorption Charge]; **6th bar FLASHING** [100%, Absorption, Charge with Constant Voltage] / **6th bar ON** [100%, Float Charge]							
Memory	Charge Memory Function in case of Power Failure							
IP Rating	IP65				IP20			
Protections	Reverse Polarity, Short Circuit, Overheating, Overload, Over-temperature, Spark Protections							
Accessories	Clamps and O-ring cables				Clamps			
Built-in Metal Hanger	YES							
Product Status Indicator	Light Bar Indicator & LCD display	LED Indicators (STATUS / FAULT) & LCD display	Light Bar Indicator & LCD display	LED Indicators (STATUS / FAULT) & LCD display	Light Bar Indicator & LCD display	LED Indicators (STATUS / FAULT) & LCD display	Light Bar Indicator & LCD display	LED Indicators (STATUS / FAULT) & LCD display
Battery Tester	YES							
DC Power Supply	N/A	N/A	13.8V 5A	13.8V 5A	13.8V 12A	13.8V 12A	13.8V 20A	13.8V 20A
Lithium battery activation function	YES							
Error indication	Er1: Reverse polarity Er2: Bad battery Er3: Low voltage at Precharge stage Er4: Low voltage at Analysis stage (under 4V in 5 minutes) Er5: Desulphation error Er7: Bulk & Absorption charging time exceed (over 36 hours)		Er1: Reverse polarity Er2: Bad battery Er3: Low voltage at Precharge stage Er4: Low voltage at Analysis stage (under 4V in 5 minutes) Er5: Desulphation error Er6: The load current on Supply Mode would be too high Er7: Bulk & Absorption charging time exceed (over 36 hours)					

ProVista
GROUP 保力集團

ProVista
TECHNOLOGY ™

HXP040

4A HEX Smart Battery Charger Series (Premium Version)

- 6V / 12V 4Amp 9 stages charging
- Charging current: 6V: 1A/4A , 12V: 1A/4A
- LCD display with backlighting
- Colored LCD status indicator
- Build in battery tester with voltage display
- Desulfating function
- IP65 waterproof
- Reverse Polarity / Short Circuit / Overheating / Overload / Over-temperature / Spark Protections
- Hinged metal hanger
- Product dimension: 185 mm x 91 mm x 58 mm
- Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING
Innovation Design & Technology

| COLOR BACKLIGHT Indicator | ROBUST Construction | IP65 Waterproof |

ProVista
GROUP 保力集團

ProVista
TECHNOLOGY ™

HXS040

4A HEX Smart Battery Charger Series (Standard Version)

- ⬢ 6V / 12V 4Amp 9 stages charging
- ⬡ Charging current: 6V: 1A/4A, 12V: 1A/4A
- ⬢ LCD display with backlighting
- ⬡ LED status indicator
- ⬡ Build in battery tester with voltage display
- ⬡ Desulfating function
- ⬡ IP65 waterproof
- ⬡ Reverse Polarity / Short Circuit / Overheating /
- ⬡ Overload / Over-temperature / Spark Protections
  Hinged metal hanger
- ⬡ Product dimension: 185 mm x 91 mm x 58 mm
- ⬢ Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING
Innovation Design & Technology

METAL HANGER	ROBUST	IP65
Retractable	Construction	Waterproof

ProVista TECHNOLOGY™

HXP080

8A HEX Smart Battery Charger Series (Premium Version)

- 12V / 24V 8Amp 9 stages charging
- Charging current: 12V: 2A/4A/8A , 24V: 2A/4A
- DC Power Supply: 13.8V 5A
- Support 24V charging
- LCD display with backlighting
- Colored LCD status indicator
- Build in battery tester with voltage display
- Desulfating function
- IP65 waterproof
- Reverse Polarity / Short Circuit / Overheating / Overload / Over-temperature / Spark Protections
- Hinged metal hanger
- Product dimension: 223 mm x 112 mm x 67 mm
- Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING

Innovation Design & Technology

| COLOR BACKLIGHT Indicator | ROBUST Construction | IP65 Waterproof |

ProVista
GROUP 保力集團

ProVista
TECHNOLOGY ™

HXS080

8A HEX Smart Battery Charger Series (Standard Version)

- ⬢ 12V 8Amp 9 stages charging
- ⬡ Charging current: 12V: 2A/4A/8A
- ⬡ DC Power Supply: 13.8V 5A
- ⬢ LCD display with backlighting
- ⬡ LED status indicator
- ⬡ Build in battery tester with voltage display
- ⬡ Desulfating function
- ⬡ IP65 waterproof
- ⬡ Reverse Polarity / Short Circuit / Overheating / Overload / Over-temperature / Spark Protections
- ⬡ Hinged metal hanger
- ⬡ Product dimension: 223 mm x 112 mm x 67 mm
- ⬢ Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING

Innovation Design & Technology

METAL HANGER Retractable	ROBUST Construction	IP65 Waterproof

![ProVista GROUP 保力集團]

ProVista TECHNOLOGY ™

HXP016

16A HEX Smart Battery Charger Series (Premium Version)

- 12V / 24V 16Amp 9 stages charging
- Charging current: 12V: 4A/8A/16A , 24V: 4A/8A
- DC Power Supply: 13.8V 12A
- Support 24V charging
- LCD display with backlighting
- Colored LCD status indicator
- Build in battery tester with voltage display
- Desulfating function
- IP20 waterproof
- Reverse Polarity / Short Circuit / Overheating / Overload / Over-temperature / Spark Protections
- Hinged metal hanger
- Product dimension: 298 mm x 152 mm x 87 mm
- Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING

Innovation Design & Technology

| COLOR BACKLIGHT Indicator | ROBUST Construction | IP20 Waterproof |

ProVista
GROUP 保力集團

ProVista
TECHNOLOGY ™

HXS016

16A HEX Smart Battery Charger Series (Standard Version)

- 12V 16Amp 9 stages charging
- Charging current: 12V: 4A/8A/16A
- DC Power Supply: 13.8V 12A
- LCD display with backlighting
- LED status indicator
- Build in battery tester with voltage display
- Desulfating function
- IP20 waterproof
- Reverse Polarity / Short Circuit / Overheating / Overload / Over-temperature / Spark Protections
- Hinged metal hanger
- Product dimension: 298 mm x 152 mm x 87 mm
- Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING

Innovation Design & Technology

| METAL HANGER Retractable | ROBUST Construction | IP20 Waterproof |

ProVista TECHNOLOGY ™

HXP024

24A HEX Smart Battery Charger Series (Premium Version)

- 12V / 24V 24Amp 9 stages charging
- Charging current: 12V: 6A/12A/24A , 24V: 6A/12A
- DC Power Supply: 13.8V 20A
- Support 24V charging
- LCD display with backlighting
- Colored LCD status indicator
- Build in battery tester with voltage display
- Desulfating function
- IP20 waterproof
- Reverse Polarity / Short Circuit / Overheating / Overload / Over-temperature / Spark Protections
- Hinged metal hanger
- Product dimension: 298 mm x 152 mm x 87 mm
- Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING
Innovation Design & Technology

| COLOR BACKLIGHT Indicator | ROBUST Construction | IP20 Waterproof |

ProVista
GROUP 保力集團

ProVista™
TECHNOLOGY

HXS024

24A HEX Smart Battery Charger Series (Standard Version)

- 12V 24Amp 9 stages charging
- Charging current: 12V: 6A/12A/24A
- DC Power Supply: 13.8V 20A
- LCD display with backlighting
- LED status indicator
- Build in battery tester with voltage display
- Desulfating function
- IP20 waterproof
- Reverse Polarity / Short Circuit / Overheating / Overload / Over-temperature / Spark Protections
- Hinged metal hanger
- Product dimension: 298 mm x 152 mm x 87 mm
- Battery type: AGM / Deep Cycle / Regular / GEL / LiFePO4 / Lithium

PATENT PENDING

Innovation Design & Technology

| METAL HANGER Retractable | ROBUST Construction | IP20 Waterproof |