

July 2009



*Power for
Professionals*

INTELLI-CHARGE Battery Chargers 12V 7-Stage Switchmode

7 STAGE CHARGING

Intelligent electronics monitor the charging process to deliver an advanced 7 stage charge maximising battery performance and life.

MULTI CHEMISTRY

Set the charging profile to suit the battery's chemistry type, extending the battery's life.

POWER SUPPLY MODE

Operates as a power supply to run a 12V appliance. Ideal for retaining memory when changing a vehicle battery.

Available in:

P/No. IC700

Intelli-Charge 12V 7A 7-Stage Battery Charger

Barcode: 9315219070005

QTY: 1 (retail box)
6 (inner carton)
12 (outer carton)

P/No. IC1000

Intelli-Charge 12V 10A 7-Stage Battery Charger

Barcode: 9315219010018

QTY: 1 (retail box)
6 (inner carton)
12 (outer carton)

P/No. IC1500

Intelli-Charge 12V 15A 7-Stage Battery Charger

Barcode: 9315219015013

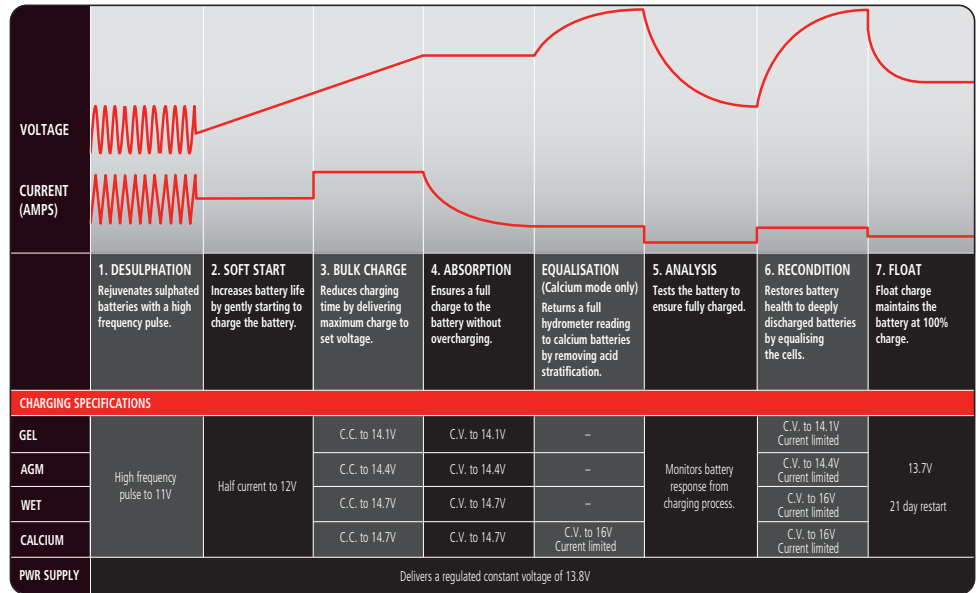
QTY: 1 (retail box)
6 (inner carton)
12 (outer carton)

7-STAGE AUTOMATIC CHARGING

Intelli-Charge battery chargers are fully automatic and protect your battery from being overcharged allowing you to leave the charger connected indefinitely. They are also safe to use on batteries still connected to the vehicle without damaging sensitive vehicle electronics.

Using intelligent electronic control, Intelli-Charge battery chargers deliver a very comprehensive and accurate charging technique known as 7-stage charging.

The 7 charge stages are illustrated in the table to the right and have been especially engineered for optimum performance on all types of batteries.



INTELLI-CHARGE

MULTI CHEMISTRY

There are many battery types available on the market to suit different applications but did you know that they all require different types of charging? More batteries are damaged by incorrect charging techniques than all other causes combined.

Projecta Intelli-Charge battery chargers are designed for use on all types of battery's including Gel, AGM, Wet and Calcium. This allows you to have one battery charger for all your battery charging needs. Upon selecting the battery chemistry type, Intelli-Charge adjusts the charge to precisely match the battery's type, extending battery life and improving battery performance.

The user friendly selection button makes operation simple and straight forward and remembers the last mode used even when the power has been disconnected.

POWER SUPPLY

Intelli-Charge chargers can be used as a power supply which is great as a memory saver when changing your vehicle battery so you don't lose important radio and computer information. You can also run 12V appliances direct from the battery clamps up to the rated output current, ideal for use around the house.

SHORT CIRCUIT PROTECTION

Projecta Intelli-Charge battery chargers feature short circuit protection, even in Power Supply mode.

Designed to prevent the output leads from sparking during charging from accidental reverse connection or short circuit, Projecta gives you peace of mind that the charger will remain safe at all times.

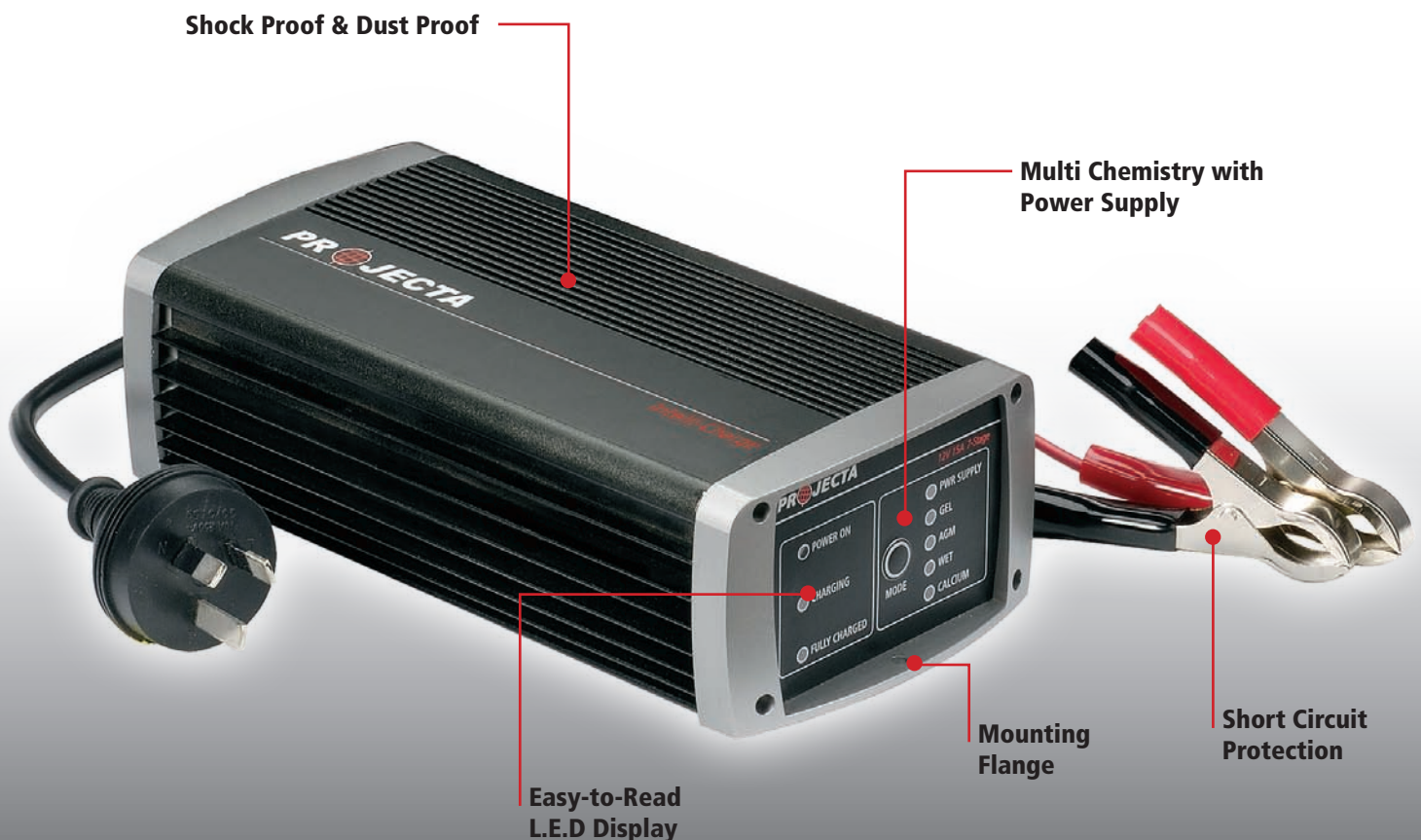
SHOCK PROOF & DUST PROOF

Constructed from extruded aluminium, Intelli-Charge battery chargers are shock-proof, dust-proof and have been rigorously vibration tested and passed both a military and caravan standard.

In addition, the circuit boards have been conformal coated to protect against moisture and dust and other elements so they are suitable for use in a range of locations.

2 YEAR WARRANTY

Australian designed and engineered, quality is guaranteed and all battery chargers include a 2 year comprehensive warranty.



SPECIFICATIONS

P/No.	IC700	IC1000	IC1500
Type	7 Stage	7 Stage	7 Stage
Input (Nominal)	240VAC, 50Hz	240VAC, 50Hz	240VAC, 50Hz
Input Power	216W	288W	408W
Output Voltage	12V	12V	12V
Output Current	7A	10A	15A
Minimum Start Voltage	2.5V	2.5V	2.5V
Back Drain	1mA	1mA	1mA
CHARGE CONTROL			
Desulphation	High Frequency Pulse charge up to 11V		
Soft Start	3.5A up to 12V	5.0A up to 12V	7.5A up to 12V
Bulk	7A up to: 14.1V (GEL) 14.4V (AGM) 14.7V (WET) 14.7V (CALCIUM)	10A up to: 14.1V (GEL) 14.4V (AGM) 14.7V (WET) 14.7V (CALCIUM)	15A up to: 14.1V (GEL) 14.4V (AGM) 14.7V (WET) 14.7V (CALCIUM)
Absorption	Constant voltage until current drops to 1.05A	Constant voltage until current drops to 1.5A	Constant voltage until current drops to 2.25A
Equalization (Calcium mode only)	Constant current (2.0A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.0A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.2A) up to 16V then hold for 1 hour or 12 hour timeout
Analysis	Monitors battery for 90 sec		
Recondition	Constant current (1.05A) for 4 hours limited to: 14.1V (GEL) 14.4V (AGM) 16V (WET) 16V (CALCIUM)	Constant current (1.5A) for 4 hours limited to: 14.1V (GEL) 14.4V (AGM) 16V (WET) 16V (CALCIUM)	Constant current (2.25A) for 4 hours limited to: 14.1V (GEL) 14.4V (AGM) 16V (WET) 16V (CALCIUM)
Float	13.7V	13.7V	13.7V
POWER SUPPLY			
Set Voltage	13.8VDC	13.8VDC	13.8VDC
Maximum Current	7A	10A	15A
BATTERY RANGE			
Deep Cycle	50–140Ah	70–200Ah	85–300Ah
Automotive	300–800CCA	450–1000CCA	465–2000CCA
Marine	350–900MCA	500–1200MCA	600–2500MCA
Types of Batteries	Most types of lead acid batteries including GEL, AGM, WET CELL and CALCIUM		
Size (mm)	182 x 61 x 108	202 x 61 x 108	222 x 61 x 108
Weight	0.95 Kg	1.15Kg	1.25Kg

