

INTELLI-CHARGE DC TO DC WITH MPPT SOLAR DUAL BATTERY CHARGER

The IDC25 has evolved... meet the IDC25X



MULTI CHEMISTRY COMPATIBLE
AGM, GEL, WET, CALCIUM & LITHIUM

WORKS HARDER IN TOUGHER CONDITIONS

- Super efficient design will not derate in hot conditions (maximum charge up to 75°C)
- Operation up to 90°C makes it ideal for under bonnet applications
- Highest possible rating against dust, water and pressure washing (IP68 & IP69K)
- Fully potted with thermal epoxy resin

WILL NOT LET YOU DOWN WHEN YOU ARE IN REMOTE LOCATIONS

- Designed, engineered and tested in Australia
- Engineered with the best electronic components for a longer life
- Ultra-efficient power conversion so more charging for your battery and less stress on the charger for a longer life
- Vibration and shock proof – engineered to pass heavy vehicle standards
- 5 year warranty (IDC25X and IQD2)

PROVIDES THE BEST POSSIBLE CARE FOR YOUR BATTERY

- 3 and 5 stage charging for the fastest & best possible charge
- Automatic temperature compensation adjusts the charge when the climate changes for optimum charge
- Voltage drop compensation ensures correct charge voltage to the battery
- Simultaneous charging via solar and alternator
- Highly efficient MPPT solar charging ensures the best possible charge – even in the shade
- Lithium wake-up mode – if battery BMS turns off, one button press ensures the charger recognises the battery and begins to charge

MOST CONNECTED DC/DC CHARGER

- Pair with the Projecta Intelli-IQ
- Allows users to set up, monitor, and control remotely
- Single wire connectivity for easy setup
- Firmware upgrade option available through the app
- User defined charging profiles

Now accessible from
Smartphone or Intelli-IQ

ENGINEERED TOUGH

IDC25X has been engineered to meet IP68 & IP69K water and dust ingress. It can be mounted in engine bays and is protected against harsh vibration, high pressure water spray and extreme temperatures without risk of failure. IDC25X circuitry has been fully potted with high quality thermal epoxy resin that draws heat from electronics to the outer housing. This ensures efficient operation. This means in hot temperatures it keeps its charge at 25A (full 25A charge up to 75 degrees – closest competitor begins de-rating at 55 degrees, dropping to as low as 13A.).

WON'T LET YOU DOWN IN THE TOUGHEST OF CONDITIONS

The IDC25X is designed, engineered and tested in Australia. Using only the best electronic components for a longer life. It has ultra-efficient power conversion so more charging for your battery and less stress on the charger for a longer life. Vibration and shock proof to meet Heavy Vehicle Standards. Comes equipped with a 5 year warranty for ensured durability.



PROVIDES THE BEST POSSIBLE CARE FOR YOUR BATTERY

The IDC25X comes with 3 & 5 stage charging for the best possible charge. It has automatic temperature compensation which adjusts the charge when the climate changes for optimum charge. The voltage drop compensation ensures correct charge voltage. It has simultaneous charging and Lithium wake-up mode means that if a lithium battery BMS turns off, one button press ensures the charger recognises the battery and begins to charge.

MPPT SOLAR CHARGING

IDC25X offers >90% efficiency via MPPT Solar charging ensuring best power conversion even in the shade. The IDC25X will monitor various inputs from solar panels and it will constantly measure the voltage and amperage to find the best balance to produce the most power.

MULTI-CHEMISTRY TECHNOLOGY

IDC25X supports AGM, GEL, WET, Calcium and Lithium batteries for true multi-chemistry charging. IDC25X paired with Intelli-IQ unlocked Bluetooth control over the IDC25X. This gives users the ability to tailor their DC/ DC to their system.

MOST CONNECTED DC/DC CHARGER

This display and it's functionality will revolutionise the way Projecta monitors, controls and updates not just IDC25X but also just about any component of a vehicle, camper trailer or caravan set up. The Smart Display is the brain of the entire Internet of Thing (IOT) system, it is the link between products and is a totally different way of controlling devices. Think of the IOT system as a portable smart home system which gives the user total control over the auxiliary 12V system.



MORE SWITCHED ON

NEW PRODUCT RELEASE

INTELLI-IQ LINBUS TECHNOLOGY

LINbus is the communication protocol most commonly used in the automotive industry. LINbus gives the IDC25X to be controlled directly via Intelli-IQ or via bluetooth from any smart device via a state of the art smartphone app.

How it benefits users:

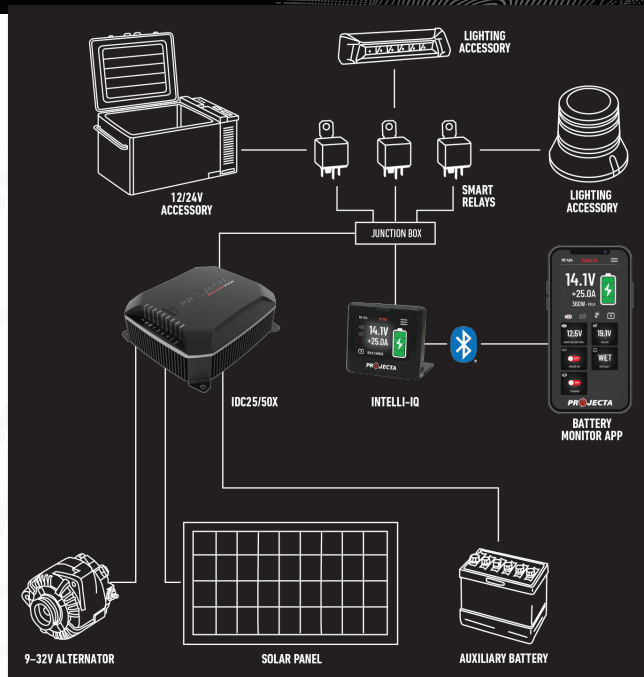
- Real-time IDCX Charging status:
 - Solar input.
 - Alternator input.
 - Total output current.
- True battery voltage (not charging voltage like many other battery voltmeters)
- Comprehensive devices specifications.
- A user defined profile allowing the IDC25X to charge any battery chemistry.
- Remote software and firmware updates making IDC25X truly future proof.
- Seamless paralleling of up to 5 IDC25Xs.
- Control up to 15 devices with the Projecta smart relay range.

PARALLEL CHARGING

LINbus gives the IDC25X the ability to natively communicate ensuring synchronised charging with multiple IDC25Xs without overcharging. It is upgradeable so if customers decide to add more IDC25X units to meet charging needs, upgrading has never been easier! Charge time is quicker. Meets higher load requirements when larger batteries installed. (Requires IQD2)

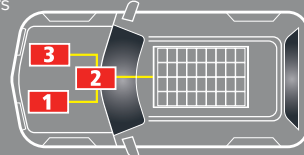
EASY TO INSTALL

IDC25X now has brass posts for lug termination and blade terminals, this provides the most secure and reliable connection, prevent wiring errors. Nut & bolt termination provides easy and secure connection. Once wired up, the unit has an easy to snap on cover, protecting connections from environment conditions and hides wiring to give a clean and professional look. The kit even comes with everything you need to wire it up (excluding fuses) with lugs, terminal and heatshrink all included.



4WD INSTALLATION

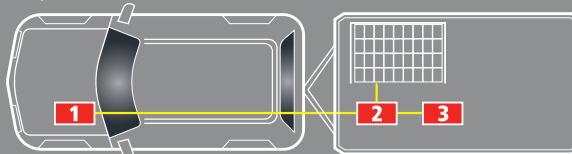
A sophisticated dual battery charger engineered for in-vehicle or under bonnet installation on vehicles fitted with traditional or smart alternators



1: Main Battery 2: DC to DC Charger 3: Aux Battery

CARAVAN INSTALLATION

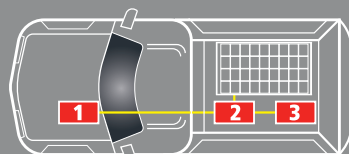
Combines a vehicle's solar and alternator power to deliver a comprehensive multi stage charge, ensuring longer battery life and performance



1: Main Battery 2: DC to DC Charger 3: Aux Battery

CANOPY INSTALLATION

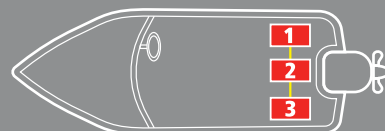
Allows for engine bay or canopy installation



1: Main Battery 2: DC to DC Charger 3: Aux Battery

BOAT INSTALLATION

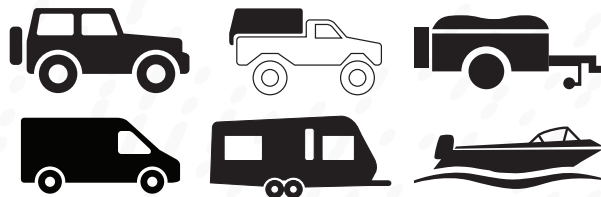
IDC25X ingress protection rating makes it ideal for marine applications



1: Main Battery 2: DC to DC Charger 3: Aux Battery

APPLICATION GUIDE

IDC25X is designed for the vehicles application where an auxiliary/secondary battery is present. Built for vehicles that will be used in tough and rugged conditions, support all their power requirements for a DC to DC charger.



IQD2 - SMART DISPLAY FUNCTIONALITY

- Market leading product and APP functionality via Bluetooth®
- High Definition screen with ultra-wide display angle for easy viewing
- Capacitive touch screen supports smooth touch with enhanced sensitivity
- Perfect visibility with automatic brightness and customised settings via App
- Interactive 'haptic' feedback
- Adjustable mounting bracket
- Programmable audible alarms e.g. Low Voltage, High Current etc.



P/No.	QTY	DESCRIPTION	BARCODE
IDC25X	1	Intelli-Charge DC to DC with MPPT Solar Dual Battery Charger	9315219004796
IDC25XIQ	1	Intelli-Charge DC to DC with MPPT Solar Dual Battery Charger with Smart Display Screen	9315219005908
IQD2	1	2" Smart Display	9315219008480
FK25A	1	Fuse Kit to Suit IDC25X	9315219002709

IDC25X

IQD2

