



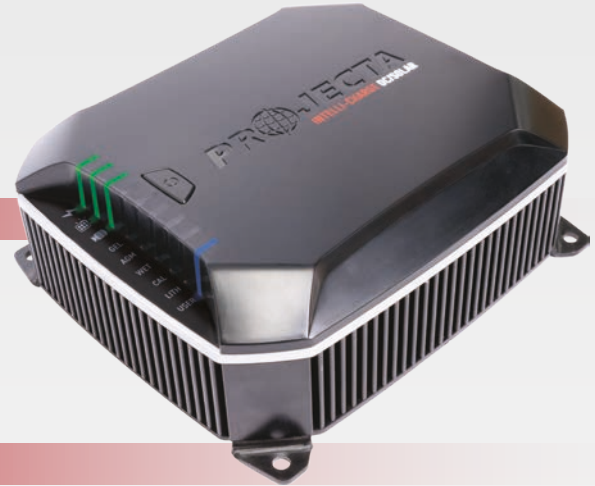
**9-32V, 25A 5 Stage Dual Battery Charger**  
#IDC25X

www.projecta.com.au

**DESCRIPTION**

9-32V, 25A, 5 stage dual battery charger with Multi-Chemistry Technology. Provides an advanced charge simultaneously from both solar & alternator inputs.

Suitable for AGM, Gel, Wet, Calcium & Lithium batteries.



**FEATURES**

- Direct connections to the IDCX, ensures a reliable perfect connection to the unit
- IP69K rated dust and water protection, build tough able to withstand high pressure
- Paired with Intelli-IQ allowing IDCX to be controlled via Bluetooth
- Over temperature, reverse connection, over/under voltage; total safe guard protection
- Engineered for use with today's modern chemistry types: AGM, Gel, Wet, Calcium & Lithium.

**TECHNICAL SPECIFICATIONS**

Alternator Input Voltage	• 9-32 Volt
Maximum Solar Input Voltage	• 32 Volt DC
Maximum Input Current	• 35A
Input Current (No Load)	• 8mA
Back Drain on Auxiliary Battery	• Input: 9-11Vdc 20A • Input: 11-32 Vdc 25A
External LED Output - Constant Current	• 5mA
Input Fuse Rating	• 50A (not supplied) / Rec'd: FK25A
Output Fuse Rating	• 50A (not supplied) / Rec'd: FK25A
Maximum Output Power	• 360W
Dimensions	• 137mm x 122mm x 50mm
Weight	• 1180
Battery Capacity	• Please check battery user manual
Types of Batteries Support	• Gel, AGM, Wet, Calcium & Lithium
EMC Standard Approved	• AS/NZS CISPR11 Class B, R10
IP rating	• IP68 & IP69K

**Charge Control (5 stage)**

Battery Type	Gel	AGM	Wet	Calcium	Lithium
Constant Current up to	Bulk *20A at 9-11Vdc, 25A at 11-32Vdc				
	14.1V	14.4V	14.7V	14.7V	14.2V
Absorption	Constant voltage until current drop to 3.8A:				
	14.1V	14.4V	14.7V	14.7V	14.2V
Float	13.7V	13.7V	13.7V	13.7V	13.5V
Equalisation (Calcium Mode & Periodic Use Only)	2A constant current charge up to 16V then hold for 30 min (5 hour timeout)				

**Operating Mode**

Vehicle Voltage Range	12V		24V	
VSR Mode - Default (Ignition Override Not Connected)	Turn On 13.4 - 16.5Vdc	Turn Off <12.8Vdc	Turn On 26.8 - 32.0Vdc	Turn Off <25.6Vdc
Low Voltage Mode - Ignition Override Cable Connected to Ignition Switch (Ignition ON)	Turn On 12.2 - 16.5Vdc	Turn Off <11.9Vdc	Turn On 24.4 - 32.0Vdc	Turn Off <23.8Vdc
Output Current	Input 9-11Vdc 20A Input: 11-32Vdc 25A			



**Intelli-IQ**  
**2" Smart Display**  
#IQD2

www.projecta.com.au

**DESCRIPTION**

High definition 2" smart display with Bluetooth. Projecta's revolutionise future-proof IOT (Internet of Things) system. Designed to bring out the best out of your IDC25X dual battery chargers. Connects, monitor & control IDC25X and up to 15 devices (in total) on the vehicle, caravan & trailer effortlessly and remotely. Synchronisable with your mobile device to edit wirelessly on the go.



**FEATURES**

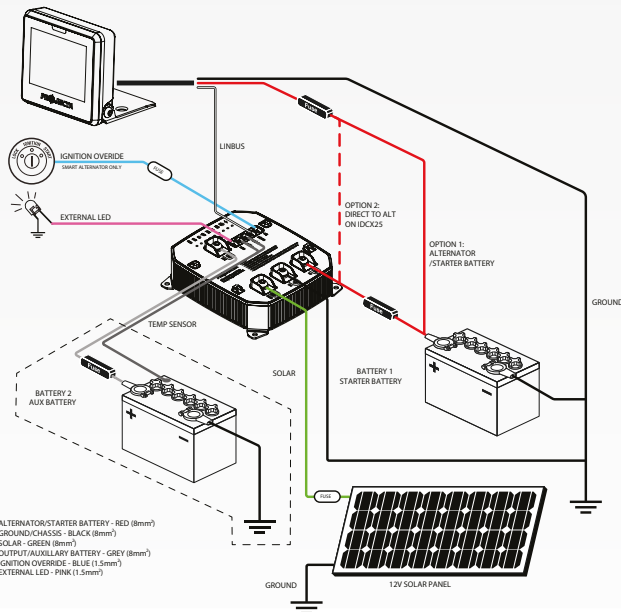
- Allows for real time monitoring of devices operating status
- Designed to effortlessly integrate with Projecta's Plug 'n Play system
- Set up a user defined profile to allow the IDC25X of charging any battery chemistry
- Safely and seamlessly connect up to five IDC25X on one IQD2
- Connects, monitor & controls up to 15 devices, through Projecta Smart Relay range
- Equipped with the latest Bluetooth 5.2 connection
- 2" HD capacitive touchscreen with auto brightness for optimal visibility



**TECHNICAL SPECIFICATIONS**

**Application Diagrams**

Full system with Intelli-IQ configuration



<b>Input Voltage Range</b>	• 9-32 Volt
<b>Input Consumption Current</b>	• < 150mA DC
<b>Input Current at Saving Mode</b>	• < 10mA DC
<b>Power Saving Input Threshold</b>	• < 13.4V
<b>Screen Size</b>	• 2 inches
<b>Screen Resolution</b>	• 320 x 240 pixels
<b>Screen Type</b>	• Capacitive touch
<b>Screen Colour</b>	• TFT + backlight
<b>External Dimensions</b>	• 56mm L x 17mm W x 51mm H
<b>Weight</b>	• 53g
<b>Operating Temperature</b>	• -10° to 50°C
<b>Communications</b>	• Bluetooth 5.2 • LIN 2.1
<b>Safety</b>	• Thermal protection shutdown • Overvoltage protection
<b>Standard Approvals</b>	• ECE R10, AS/NZS 4268, CISPR 11