

Imperium

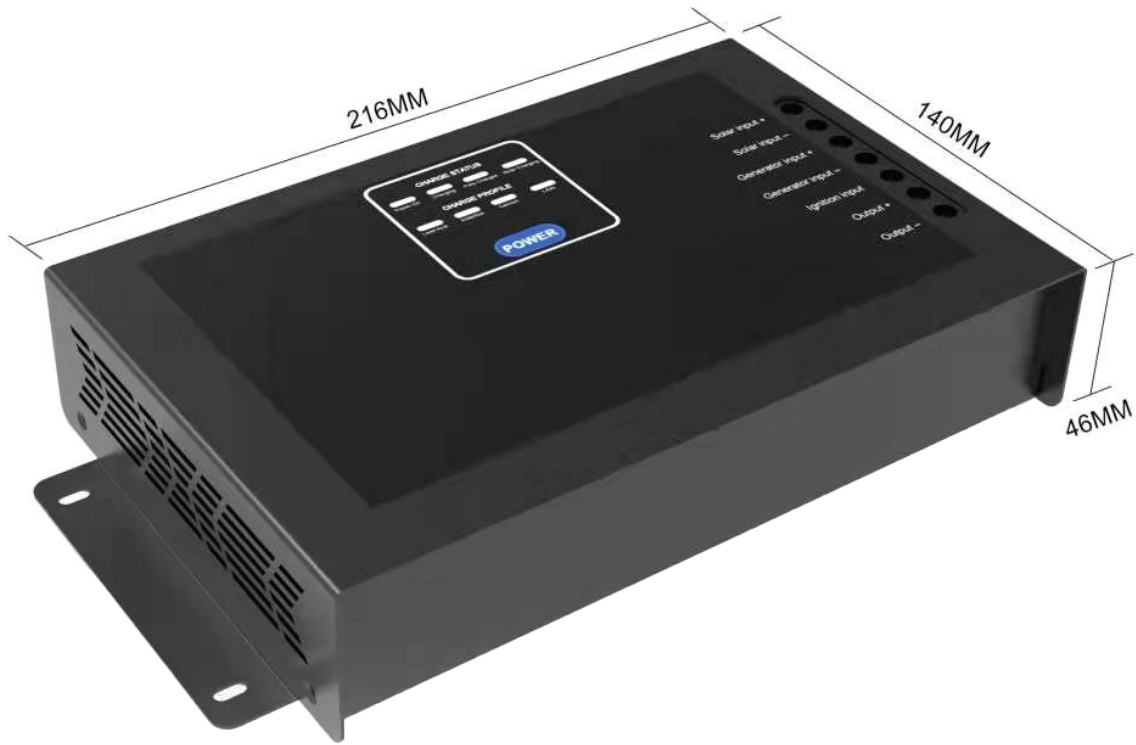
DC-DC CHARGER 5A

40A DUAL INPUT DC-DC CHARGER - WITH MPPT

PRODUCT SPECIFICATION



Part Number: IMP004



TECHNICAL SPECIFICATIONS

MODEL	IMP004
Type	Multi-stage DC-DC dual input charger with built in MPPT
Input	DC Battery:12.5 -16.0 Volts; Solar Input:16.0 - 25.0 Volts
Output / Charging Voltage	14.4-15.4 Volts (Stops charging when alternator output or vehicle battery below 12.5 Volts)
Output Current	DC Output:40A Solar Output:40A
Minimum Start Voltage	2.5 Volts - For battery being charged

CHARGE CONTROL

Soft Start	YES
Soft Charge Current	40A
Bulk Charge Voltage	14.7V (AGM/Gel)14.4(Lead Acid)15.4(Calcium)14.4V(LION)
Absorption	Constant voltage with automatic amperage control
Equalisation	Automatic
Float Charge Voltage	13.5 (AGM/Gel)13.5V(Lead Acid)13.5V(Calcium)
Float Charge Current	100mA
Battery Range	105 to 1200Ah

CABLE LENGTH / TWIN CORE

0-1 Metres	10 AWG
1-5 Metres	6 AWG
5 Metres +	4 AWG

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DC-DC CHARGER SA

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