



VECMOCON
TECHNOLOGIES

SMART CHARGER

Fully compliant with **AIS 156** guidelines



DRIVEN BY INTELLIGENCE



i-VEC[®]
DRIVE



Features

- 7 Segment LED indicator for battery status, charging, error and fault indication
- Protection against input over/under voltage, and output over/under voltage
- Protection against reverse polarity, short circuits, and over-temperature
- Output current is derated linearly when connected to less than 180V_{ac} to reduce stress on input circuitry and prevent nuisance breaker trips
- Output is CV-MCC controlled by Li-ion charging profile
- Compact design with the forced cool system using DC Fan
- Dimensions: 237 x 207 x 105 mm
- Weight: 3 kg
- AIS 156 phase 2 compliant

Technical Specification

PARAMETER	VALUE	UNIT
AC Input Voltage Range	110 -265	Vac
Nominal AC Input Voltage	230 ±5	Vac
Nominal AC Input Current	7.0 ±0.5	Aac
Maximum AC input Current	15	Aac
AC Line Frequency Range	47 -63	Hz
Power Factor (at Full load)	> 0.99	
Input Current Total Harmonic Distortion	< 3.0	%
Efficiency (at Full load)	~ 93.0	%
Efficiency (at Half load)	~ 91.0	%
Minimum DC Output Voltage	35 ±0.5	V
Maximum DC Output Voltage	88 ±0.5	V
Nominal Output Voltage	As per CAN data ±0.5	V
Maximum Output Current	25 ±0.5	A
Nominal Output Current	As per CAN data ±0.5	A
Maximum Output Power	1600	W