

TECHNICAL SPECIFICATION

NEO- 2.3KWDCS



Input Characteristics

Voltage	: 170VAC-300VAC, 230VAC Nominal Voltage
Current	: <22A @170VAC with full load <16A @230VAC with full load <11A @300VAC with full load
Inrush Current	: <40A
Frequency	: 47-53HZ

Protections

Over Current Protection	: 18.5A +/- 0.5A
Input & Output Over Voltage Protection	: Provided
Input & Output Under Voltage Protection	: Provided
Over Temperature Protection	: 65° C
Battery Reverse Connection Protection	: Provided
Output Short Circuit Protection	: Provided
Shoot Through Fault Protection with Recovery :	Charger will shutdown automatically and charger will re-start after removing fault
Ground Fault Protection	: Provided
Load Balance	: Provided

Indicators

LCD Display	: Charging Percentage, Voltage and Current, Ready to charge ,Fault indication
Mains ON Indicator	: Red LED
Charging Indicator	: Green Blinking
Charge Complete	: Green Constant
Battery Compatibility	: Lead Acid battery

Output Characteristics

Voltage	: 65V +/- 0.2V DC Each Output
Current	: 18A Each output
Efficiency	: >85%
Ripple	: <1000mV
Noise	: <2000mV

Features

Multiple Charging Points	: Provided
Billing System	: Provided
Standard	: IP54

Environmental Conditions

Operating Temperature	: 0-55° C
Storage Temperature	: 0-70° C
Humidity	: 75 RH +/-5%

Mechanical

Dimensions	: 350*450*180 (in mm)
Weight	: ~ 16Kg
Enclosure	: MS
AC Input Connector	: 3-core, 6sq.mm cable with standard connector
DC Output Connector	: 2-Core, 2.2sq.mm cable with SB50 Connector each output

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