

AFRIPOWER PRODUCT SPECIFICATION

7500VA STATIC INVERTER

DSP BASED IGBT BIDIRECTIONAL INVERTER

MAINS MODE

1	Mains AC low cut
2	Mains AC low cut recovery mode
3	Mains AC high cut
4	Mains AC high cut recovery mode
5	Input Frequency Range
6	Voltage Output in Mains Mode
7	Charging Current by Grid @100AH - 135AH setting
8	Charging Current by Grid @150AH - 200AH setting
9	Frequency Output in Mains mode

BATTERY

1	Battery Type
2	DC Input Voltage
3	Battery Quantity
4	Charger Type
5	Charging Voltage
6	Battery deep discharge recovery

BACKUP MODE

1	Output Voltage
2	Output Frequency
3	Output Waveform
4	No load Current
5	Capacity resistive bulb load
6	Discharging current @full load
7	Low battery warning
8	Low battery cut
9	Changeover time MAINS to INV & Viceversa

PROTECTION

1	Overload in backup mode
2	Short Circuit in backup mode
3	Short Circuit in Mains mode
4	Common Fault - Output UV/OV, DC UV/OV
5	Over temperature
6	Low Battery

CATIONS

RTER

175V

> 180V

270V

< 265V

45Hz-55Hz

Same as Input

settable

15A ± 1A

Same as Input

LA/TUBULAR/VRLA

96

8

CVCC

108V

Will require external Charger

230V + 1% - 5%(Until battery low alarm)

50Hz ± 0.1Hz

Pure Sinewave

2.5A

6000 Watt

90A

86V

84V

≤ 20msec

100% load continuous

system will shutdown immediately

Input MCB will trip

Fault indication on LCD and Buzzer

System will indicate on LCD

System will indicate on LCD and Buzzer

AFRIIPOWER PRODUCT SPECIFICATION

10KVA STATIC INVERTER

DSP BASED IGBT BIDIRECTIONAL INVERTER

MAINS MODE

1	Mains AC low cut
2	Mains AC low cut recovery mode
3	Mains AC high cut
4	Mains AC high cut recovery mode
9	Input Frequency Range
10	Voltage Output in Mains Mode
11	Charging Current by Grid @100AH - 135AH setting
12	Charging Current by Grid @150AH - 200AH setting
13	Frequency Output in Mains mode

BATTERY

1	Battery Type
2	DC Input Voltage
3	Battery Quantity
	Charger Type
4	Charging Voltage
7	Battery deep discharge recovery

BACKUP MODE

1	Output Voltage
2	Output Frequency
3	Output Waveform
4	No load Current
5	Capacity resistive bulb load
6	Discharging current @full load
7	Low battery warning
8	Low battery cut
9	Changeover time MAINS to INV & Viceversa

PROTECTION

1	Overload in backup mode
2	Short Circuit in backup mode
3	Short Circuit in Mains mode
4	Common Fault - Output UV/OV, DC UV/OV
5	Over temperature
6	Low Battery

CATIONS

RTER

175V

> 180V

270V

< 265V

45Hz-55Hz

Same as Input

settable

15A ± 1A

Same as Input

LA/TUBULAR/VRLA

120

10

CVCC

135V

Will require external Charger

230V + 1% - 5%(Until battery low alarm)

50Hz ± 0.1Hz

Pure Sinewave

2.6A

8000 Watt

95A

108V

105V

≤ 20msec

100% load continuous

system will shutdown immediately

Input MCB will trip

Fault indication on LCD and Buzzer

System will indicate on LCD

System will indicate on LCD and Buzzer