

AFRIIPOWER ONLINE UPS SYSTEM

MODEL: ARP 310

30KVA/360VDC, 3PH-1PH ONLINE UPS

TECHNICAL SPECIFICATIONS:

INPUT:

AC INPUT	415V + 15% -15%, Three Phase Input
Frequency	50Hz ± 6%
DC VOLTAGE:	360 VDC
Charging Current	12 Amps
Charger Type	CVCC (Constant Current Constant Voltage type)

INVERTER:

Technology	DSP based, IGBT Switching
Output Voltage	230V AC Single Phase
Voltage Regulation	± 1 %
Frequency	50Hz ± 0.1Hz
Waveform	PWM Sine wave
Harmonic Distortion	Less than 3% on Linear Load
Inverter Efficiency	Upto 90%
Power Factor	0.8
Overload	110 % for 5 min, 150% for 30 sec
Crest Factor	3:01
Audible Noise	Less than 65 dB at 1 Meter

DISPLAY:

Digital LCD Display for	Output Voltage, Output current & Frequency, DC Voltage , Battery and Load Percentage and All Faults
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GENERAL:

Operating temperature	0 ⁰ C to 45 ⁰ C
Humidity	Max 95%, Non-condensing
Dimensions (D x W x H):	900 x 450 x 930mm
Bypass	Manual Bypass Provided

PROTECTIONS :

Output Overload & Short circuit, Output Under & Overvoltage, DC Under & Overvoltage, Mains Under & Overvoltage, Mains Single Phasing.

INDICATIONS & ALARM:

a) Mains on	LED Indication
b) Inverter	LED Indication
c) Batt Low	LED Indication & Alarm
d) Fault	LED Indication & Alarm
e) Overload	LED Indication & Alarm

GENERAL:

SNMP	Compatible (Module optional)
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