

Khadi and Village Industries Commission Mumbai
PROJECT PROFILE ON INVERTER ASSEMBLY

Introduction :

Inverter unit is used as a stand by power source during the power failure. Inverter is also used or load shearing. Inverter provide a continuous, content and reliable power supply to the divices and systems, which can be damaged by the electrical fluctuation. The inverter will have the following features : AutoStart/Stap, Compact size, Pollution free, Noise free, Prolonged bettery life, Deep - discharge protection, Over load protection, Stable voltage frequency, Reverse polanity protection, Over - charge protection , Latest high frequency based PWM MOSFET Technology, Short Circuit Protection can be filtered directly to mains.

1 Name of the Product : **INVERTER ASSEMBLY**

2 Project Cost :

a Capital Expenditure

Land : Own

Work shed in sq.ft rented Rs.

Equipment : Rs.

Multimeters , Soldering Stations, Test Bench, Component crack, PCB Zig., Variac, Meggar, Working Stools, Tool Kit, Extension Cord, Megger, Battery, Office Equipment and furniture Pre-operative expenses etc.

Total Capital Expenditure Rs.

b Working Capital Rs.

TOTAL PROJECT COST : Rs.

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	INVERTER ASSEMBLY	300 Nos.	4062.00	1218.88
TOTAL		0.00	4062.00	1218.88

4 Raw Material : Rs.

5 Labels and Packing Material : Rs.

6 Wages (1-Skilled) : Rs.

7 Salaries (1-Manager) Rs.

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8	Administrative Expenses	:	Rs.	75,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	25,000.00
11	Depreciation	:	Rs.	4,200.00
12	Insurance	:	Rs.	420.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	5,460.00
	b. W.C.Loan	:	Rs.	29,250.00
	Total Interest		Rs.	34,710.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	225,880.00
	Variable Cost		Rs.	993,250.00
	Requirement of WC per Cycle		Rs.	203,188.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	225.88	135.53	158.12	180.70
2	Variable Cost	993.00	595.80	695.10	794.40
3	Cost of Production	1218.88	731.33	853.22	875.80
4	Projected Sales	1550.00	930.00	1085.00	1240.00
5	Gross Surplus	331.12	198.67	231.78	264.90
6	Expected Net Surplus	327.00	194.00	228.00	261.00

- Note :
- 1.All figures mentioned above are only indicative.
 - 2.This is model project profile for guidance
 - 3.Cost of Project, and its profitability will be changed depends on the area, availability of raw Material, man power, power requirement and various other factors etc..