



Enriching Lives



Introducing

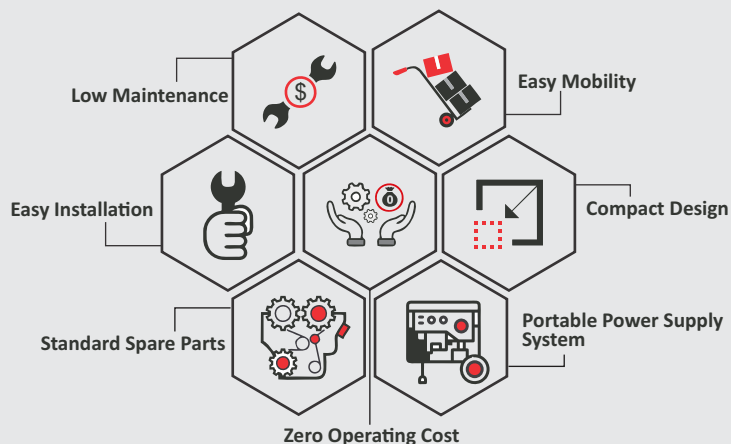
SPARK

Micro Hydro Power Generator

Operating Range

Generator Power Output	0.5 kW – 5 kW
Phase	Single
Output Voltage and Frequency	230 V and 50 Hz
Required Head Range	10 M to 40 m
Required Flow Range	7 LPS to 100 LPS
Connection between Turbine and Generator	Direct Coupling
Mounting	Horizontal

Features and Benefits



Applications

Remote Tourist Locations



Chemical & petrochemical plants



Off-the-grid Power System



Rural illumination



SPARK TURBINE CHART

Sr. No.	Power Output	PICO Model No.	Head (in meter)	Discharge (in m ³ /hr)	Generator Model
1	0.5 kW	PE 4A	20 m	25 m ³ /hr	K80 A
2	1 kW	PE 314	10 m	62 m ³ /hr	K80 A
		PE 318	20 m	49 m ³ /hr	K80 A
		PE 325	30 m	28 m ³ /hr	K80 A
		PE 538	40 m	30 m ³ /hr	K80 A
3	2 kW	PE 830	20 m	20 m ³ /hr	K80 D
		PE 515	10 m	140 m ³ /hr	K80 D
		PE 527	30 m	40 m ³ /hr	K80 D
4	3 kW	PE 1040	20 m	100 m ³ /hr	K100 E
		PE 837	40 m	56 m ³ /hr	K100 E
5	4 kW	PE 1030	30 m	90 m ³ /hr	K100 G
6	5 kW	PE 1331	40 m	25 m ³ /hr	M100 LH

Note:

- Above parameters are for standard developed products
- However, customised products can be offered on case to case basis

KIRLOSKAR BROTHERS LIMITED
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Established 1888



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