



Enriching Lives

Introducing

# SPARK

PICO Hydro Power Generator

Paani se Bijlee



## Features and Benefits



Low Maintenance



Easy Installation



Portable Power Supply System



Compact Design



Standard Spare Parts



Zero Operating Cost



Easy Mobility



Industry 4.0



Remote Monitoring System

# Applications

Remote Tourist Locations



Water Treatment Plant (WTP) And Sewage Treatment Plant (STP)



Off-the-grid Power System



Rural Illumination



Small Hydro Power Plant



Remote Defense Camp



## Operating Parameters Chart

Pico Model	Rated Output (kW)	Head Range (m)	Flow Range (m <sup>3</sup> /h)	Output Range (kW)
PE 216	0.5	20-28	30-45	0.2-1.4
PE 314	1	20-30	48-75	0.2-1.4
PE 318	1	25-32	35-48	0.2-1.4
PE 325	1	32.5-45	15-39	0.2-1.4
PE 538	1.5	35-55	18-38	0.5-3
PE 515	2	12.5-20	85-125	0.5-3
PE 527	2	25-41	28-61	0.5-3
PE 830	3	25-40	36-68	0.5-3
PE 837	3	35-50	33-56	0.5-4
PE 1040	4	25-48	30-70	0.5-4
PE 1030	4	20-32.5	65-105	0.5-5
PE 1331	5	20-32	85-115	0.5-5

## Operating Range

Parameters	PICO	PAT
Generator Power Output	0.5 kW to 5 kW	6 kW to 300 kW
Phase	Single	Single & 3 Phase
Output Voltage and Frequency	230 V & 50 Hz AC	230 V / 415 V & 50 Hz / 60 Hz AC
Required Head Range	10 m to 40 m	15 m to 150 m
Required Flow Range	7 LPS to 100 LPS	10 LPS to 1200 LPS
Electricity Usage	Off Grid	Off Grid / On Grid
Mounting	Horizontal	Horizontal / Vertical

**Note:**

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

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REGISTERED OFFICE and GLOBAL HEADQUARTERS : "Yamuna", S. No. 98(3 to 7), Baner, Pune – 411045, India.

Toll Free No.: 1800 123 4443 | Email: marketing@kbl.co.in | Website: www.kirloskarpumps.com

CIN No.: L29113PN1920PLC000670

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