



Enriching Lives

Introducing

SPARK

PICO Hydro Power Generator

Paani se Bijlee



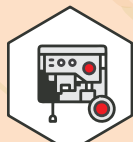
Features and Benefits



Low Maintenance



Easy Installation



Portable Power Supply System



Compact Design



Standard Spare Parts



Zero Operating Cost



Easy Mobility



Industry 4.0



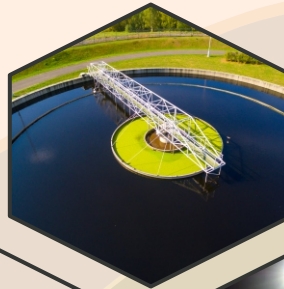
Remote Monitoring System

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 ³ /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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