

TECHNICAL DATA SHEET (GTP)

S r. N o.	Description	Unit	Bidder's Values
1	Make		Pelton Power
2	Type		Dry Type, VPI
3	Type of Cooling		Air Natural (AN)
4	Rating	KVA	250
5	Rated Voltage	Primary	V 415 (Delta)
		Secondary	V 415 (Star) +/- 6.2 V at No load on all taps
6	Rated Current	Primary	A 347.8
		Secondary	A 347.8
7	Vector Group		Dyn11
8	Rated Frequency	Hz	50
9	No. of Phases		3
10	Design ambient Temperature	Deg C	50
11	Class of Insulation		Class H
12	Temp. rise above ambient	Deg C	Class H (IP 00)
13	Tapings on Primary side		None
14	Taping Provision		NA
15	Ratio Error		
			1.5 %
16	Rated impedance at 75 deg C	%	4%, Tolerance +/-20%
17	Efficiency at Full Load at 75 deg C at UPF	%	97%
18	Regulation at 75 deg C at UPF	%	2.0 %
19	Total Losses at 75 deg C	W	7731 W
20	Degree of Protection		IP 00 open type
21	Noise Level from 1 mts distance		< 80 db
22	Dimensions of Transformer (approx.)	mm	1000 x 650 x 950 (L x B x H)
23	Ref Standard & Tolerances		IS 2026 / IS 11171

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S r. N o.	Description	Unit	Bidder's Values
1	Make		Pelton Power
2	Type		Dry Type, VPI
3	Type of Cooling		Air Natural (AN)
4	Rating	KVA	100
5	Rated Voltage	Primary V	415 (Delta)
		Secondary V	415 (Star) +/- 6.2 V at No load on all taps
6	Rated Current	Primary A	139.2
		Secondary A	139.2
7	Vector Group		Dyn11
8	Rated Frequency	Hz	50
9	No. of Phases		3
10	Design ambient Temperature	Deg C	50
11	Class of Insulation		Class H
12	Temp. rise above ambient	Deg C	Class H (IP 00)
13	Tapings on Primary side		None
14	Taping Provision		NA
15	Ratio Error		1.5 %
16	Rated impedance at 75 deg C	%	4%, Tolerance +/-20%
17	Efficiency at Full Load at 75 deg C at UPF	%	96%
18	Regulation at 75 deg C at UPF	%	2.5 %
19	Total Losses at 75 deg C	W	4166 W
20	Degree of Protection		IP 00 open type
21	Noise Level from 1 mts distance		< 80 db
22	Dimensions of Transformer (approx.)	mm	830 x 450 x 800 (L x B x H)
23	Ref Standard & Tolerances		IS 2026 / IS 11171

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S r. N o.	Description	Unit	Bidder's Values
1	Make		Pelton Power
2	Type		Dry Type, VPI
3	Type of Cooling		Air Natural (AN)
4	Rating	KVA	75
5	Rated Voltage	Primary V	415 (Delta)
		Secondary V	415 (Star) +/- 6.2 V at No load on all taps
6	Rated Current	Primary A	104.3
		Secondary A	104.3
7	Vector Group		Dyn11
8	Rated Frequency	Hz	50
9	No. of Phases		3
10	Design ambient Temperature	Deg C	50
11	Class of Insulation		Class H
12	Temp. rise above ambient	Deg C	Class H (IP 00)
13	Tapings on Primary side		None
14	Taping Provision		NA
15	Ratio Error		1.5 %
16	Rated impedance at 75 deg C	%	4%, Tolerance +/-20%
17	Efficiency at Full Load at 75 deg C at UPF	%	96.5%
18	Regulation at 75 deg C at UPF	%	2.75 %
19	Total Losses at 75 deg C	W	3534 W
20	Degree of Protection		IP 00 open type
21	Noise Level from 1 mts distance		< 80 db
22	Dimensions of Transformer (approx.)	mm	750 x 430 x 680 (L x B x H)
23	Ref Standard & Tolerances		IS 2026 / IS 11171

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1	Make		Pelton Power
2	Type		Dry Type, VPI
3	Type of Cooling		Air Natural (AN)
4	Rating	KVA	50
5	Rated Voltage	Primary V	415 (Delta)
		Secondary V	415 (Star) +/- 6.2 V at No load on all taps
6	Rated Current	Primary A	69.5
		Secondary A	69.5
7	Vector Group		Dyn11
8	Rated Frequency	Hz	50
9	No. of Phases		3
10	Design ambient Temperature	Deg C	50
11	Class of Insulation		Class H
12	Temp. rise above ambient	Deg C	Class H (IP 00)
13	Tapings on Primary side		None
14	Taping Provision		NA
15	Ratio Error		1.5 %
16	Rated impedance at 75 deg C	%	4%, Tolerance +/-20%
17	Efficiency at Full Load at 75 deg C at UPF	%	95%
18	Regulation at 75 deg C at UPF	%	3 %
19	Total Losses at 75 deg C	W	2631 W
20	Degree of Protection		IP 00 open type
21	Noise Level from 1 mts distance		< 80 db
22	Dimensions of Transformer (approx.)	mm	700 x 400 x 680 (L x B x H)
23	Ref Standard & Tolerances		IS 2026 / IS 11171

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S r. N o.	Description	Unit	Bidder's Values
1	Make		Pelton Power
2	Type		Dry Type, VPI
3	Type of Cooling		Air Natural (AN)
4	Rating	KVA	25
5	Rated Voltage	Primary V	415 (Delta)
		Secondary V	415 (Star) +/- 6.2 V at No load on all taps
6	Rated Current	Primary A	34.7
		Secondary A	34.7
7	Vector Group		Dyn11
8	Rated Frequency	Hz	50
9	No. of Phases		3
10	Design ambient Temperature	Deg C	50
11	Class of Insulation		Class H
12	Temp. rise above ambient	Deg C	Class H (IP 00)
13	Tapings on Primary side		None
14	Taping Provision		NA
15	Ratio Error		1.5 %
16	Rated impedance at 75 deg C	%	4%, Tolerance +/-20%
17	Efficiency at Full Load at 75 deg C at UPF	%	94.5 %
18	Regulation at 75 deg C at UPF	%	3.25 %
19	Total Losses at 75 deg C	W	1455 W
20	Degree of Protection		IP 00 open type
21	Noise Level from 1 mts distance		< 80 db
22	Dimensions of Transformer (approx.)	mm	600 x 350 x 500 (L x B x H)
23	Ref Standard & Tolerances		IS 2026 / IS 11171

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S r. N o.	Description	Unit	Bidder's Values
1	Make		Pelton Power
2	Type		Dry Type, VPI
3	Type of Cooling		Air Natural (AN)
4	Rating	KVA	15
5	Rated Voltage	Primary V	415 (Delta)
		Secondary V	415 (Star) +/- 6.2 V at No load on all taps
6	Rated Current	Primary A	20.8
		Secondary A	20.8
7	Vector Group		Dyn11
8	Rated Frequency	Hz	50
9	No. of Phases		3
10	Design ambient Temperature	Deg C	50
11	Class of Insulation		Class H
12	Temp. rise above ambient	Deg C	Class H (IP 00)
13	Tapings on Primary side		None
14	Taping Provision		NA
15	Ratio Error		1.5 %
16	Rated impedance at 75 deg C	%	4%, Tolerance +/-20%
17	Efficiency at Full Load at 75 deg C at UPF	%	94%
18	Regulation at 75 deg C at UPF	%	3.75 %
19	Total Losses at 75 deg C	W	957 W
20	Degree of Protection		IP 00 open type
21	Noise Level from 1 mts distance		< 80 db
22	Dimensions of Transformer (approx.)	mm	600 x 350 x 500 (L x B x H)
23	Ref Standard & Tolerances		IS 2026 / IS 11171

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S r. N o.	Description	Unit	Bidder's Values
1	Make		Pelton Power
2	Type		Dry Type, VPI
3	Type of Cooling		Air Natural (AN)
4	Rating	KVA	300 KVA
5	Rated Voltage	Primary V	415
		Secondary V	415 (Star)
6	Rated Current	Primary A	417.0
		Secondary A	417.0
7	Vector Group		Dyn11
8	Rated Frequency	Hz	50
9	No. of Phases		3
10	Design ambient Temperature	Deg C	50
11	Class of Insulation		Class H
12	Temp. rise above ambient	Deg C	Class H (IP 42) Enclosure IP
13	Tapings on Primary side		In step of 2.5%
14	Taping Provision		Provided
15	Ratio Error		1.5 %
16	Rated impedance at 75 deg C	%	4%, Tolerance +/-20%
17	Efficiency at Full Load at 75 deg C at UPF	%	98.6
18	Regulation at 75 deg C at UPF	%	1.68%
19	Total Losses at 75 deg C	W	7731 W
20	Degree of Protection		IP 00 open type
21	Noise Level from 1 mts distance		< 80 db
22	Dimensions of Transformer (approx.)	mm	1000 x 650 x 950 (L x B x H)