



APERÇU DE LA GAMME

Présentation de . . . La Gamme VARTA TP



Les éléments VARTA® à plaques pochettes Ni-Cd conviennent pour des applications industrielles exigeant une fiabilité éprouvée et de la plus haute intégrité. La gamme TP est optimisée pour des applications nécessitant des décharges de 30mm à 180mm ou plus.

Les applications typiques des batteries TP sont l'éclairage de sécurité, les télécommunications, les systèmes d'alarme, les applications ferroviaires, photovoltaïques ou marines.

Avec plus de 100 ans d'expérience dans la conception et la fabrication de batteries NiCd, renforcés par une volonté d'amélioration continue et de développement technique, EnerSys® offre une gamme étendue de solutions adaptées à toutes les applications.

L'efficacité, la sécurité et la longévité font de la gamme VARTA TP NiCd une des plus fiable et puissante du marché.

Caractéristiques & Avantages

- Plaque de capacité: 10Ah-1250Ah
- Temps de décharge recommandé: de 30 à 180 minutes
- Excellente résistance électrique et mécanique
- Construction des plaques permettant d'éviter tout risque de dégradation prématurée et de corrosion des bornes
- Longue durée de vie: 20 ans pour applications stationnaires et cyclage
- Plage de température -40°C à +50°C
- Longue durée de stockage
- Construction robuste: résistants et peu sensibles aux défauts éventuels de maintenance
- Très grande réserve d'électrolyte: intervalles de maintenance espacés
- Bac en plastique translucide permettant la visibilité du niveau d'électrolyte
- Conformés aux normes DIN 40771 et IEC60623/KL...P

Caractéristiques générales

Type élément	Capacité nominale (Ah)	Dimensions Nominales (mm)				Poids (kgs)		Bornes
		Longueur	Largeur	Hauteur élément	Hauteur* totale	Sans électrolyte	Avec électrolyte	
TP 10	10	46	85	167	187	0.71	1.03	M10 M
TP 18	18	46	85	237	257	0.92	1.41	M10 M
TP 24	24	46	85	237	257	1.20	1.59	M10 M
TP 30	30	46	85	237	257	1.35	1.72	M10 M
TP 40	40	85	85	237	257	1.88	2.76	M10 M
TP 48	48	85	85	237	257	2.05	2.82	M10 M
TP 55	55	85	85	237	257	2.30	2.97	M10 M
TP 65	65	53	134	364	392	3.56	4.85	M8 F
TP 75	75	53	134	364	392	3.78	5.00	M8 F
TP 90	90	69	134	364	392	4.36	6.18	M8 F
TP 110	110	69	134	364	392	10.9	14.4	M8 F
TP 125	125	70	164	364	392	5.61	7.67	M8 F
TP 140	140	70	164	364	392	6.04	7.84	M8 F
TP 165	165	108	164	364	392	6.92	10.61	M8 F
TP 185	185	108	164	364	392	7.50	10.91	M8 F
TP 200	200	108	164	364	392	8.27	11.17	M8 F
TP 230	230	108	164	364	392	8.82	11.62	M8 F
TP 250	250	108	164	364	392	9.62	12.22	M8 F
TP 275	275	164	158	364	392	11.20	16.30	M10 F
TP 300	300	164	158	364	392	11.50	16.50	M10 F
TP 315	315	164	158	364	392	12.20	17.00	M10 F
TP 340	340	164	158	364	392	13.00	17.50	M10 F
TP 355	355	164	158	364	392	13.70	18.00	M10 F
TP 380	380	164	158	364	392	14.40	18.50	M10 F
TP 400	400	164	158	364	392	15.10	18.90	M10 F
TP 450	450	176	246	382	408	20.00	27.30	M10 F
TP 500	500	176	246	382	408	21.40	28.30	M10 F
TP 520	520	176	246	382	408	22.00	29.10	M10 F
TP 550	550	176	246	382	408	22.40	29.30	M10 F
TP 600	600	176	368	382	408	27.00	40.70	M10 F
TP 675	675	176	368	382	408	29.50	41.90	M10 F
TP 750	750	176	368	382	408	32.00	43.10	M10 F
TP 1000	1000	176	448	382	408	42.80	56.00	M10 F
TP 1250	1250	176	558	382	408	52.40	68.90	M10 F

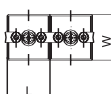
* Hauteur bornes comprises

Position des bornes

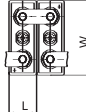
TP 10 - TP 30



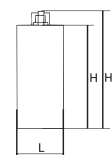
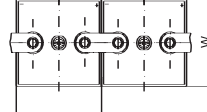
TP 40 - TP 55



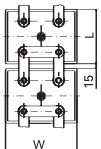
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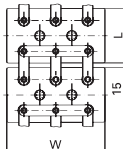
TP 275 - TP 400



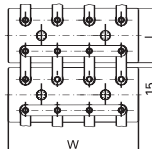
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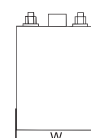
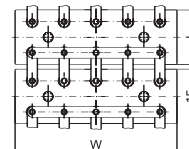
TP 600 - TP 750



TP 1000



TP 1250



Intensité de décharge (Ah) à 1.15V - Température 20°C

Type	Minutes				Heures									
	5	10	15	30	1	2	3	4	5	6	7	8	9	10
TP 10	8.00	7.40	6.60	6.20	5.10	3.70	2.86	2.32	2.00	1.85	1.60	1.42	1.27	1.16
TP 18	13.10	12.20	10.80	10.10	8.30	6.10	4.68	4.01	3.60	3.03	2.62	2.32	2.08	1.89
TP 24	17.50	16.20	14.40	13.50	11.00	8.10	6.24	5.34	4.80	4.04	3.50	3.09	2.77	2.52
TP 30	21.90	20.30	18.00	16.90	13.80	10.10	7.80	6.70	6.00	5.05	4.37	3.86	3.47	3.15
TP 40	30.80	27.10	24.00	22.50	18.30	13.40	10.40	8.90	8.00	6.73	5.83	5.15	4.62	4.20
TP 48	40.40	35.60	31.50	29.60	23.50	17.70	13.50	10.90	9.60	8.08	6.99	6.18	5.55	5.04
TP 55	50.00	44.00	39.00	36.60	28.60	22.00	16.50	13.10	11.00	9.26	8.01	7.08	6.36	5.78
TP 65	51.00	48.00	44.00	41.00	32.00	23.90	17.80	14.80	13.00	10.90	9.50	8.40	7.50	6.80
TP 75	59.00	56.00	50.00	47.00	37.00	27.50	20.50	17.10	15.00	12.60	10.90	9.70	8.70	7.90
TP 90	71.00	67.00	61.00	56.00	44.00	33.10	24.60	20.50	18.00	15.20	13.10	11.60	10.40	9.50
TP 110	87.00	82.00	74.00	69.00	54.00	40.40	30.10	25.00	22.00	18.50	16.00	14.20	12.70	11.60
TP 125	98.00	88.00	81.00	78.00	59.00	44.50	35.40	28.90	25.00	21.00	18.20	16.10	14.40	13.10
TP 140	109.00	99.00	89.00	81.00	66.00	49.90	39.60	32.40	28.00	23.60	20.40	18.00	16.20	14.70
TP 165	125.00	113.00	101.00	92.00	76.00	57.00	45.30	37.60	33.00	26.90	23.30	20.60	18.50	16.80
TP 185	144.00	131.00	117.00	106.00	88.00	66.00	52.30	42.70	37.00	31.10	27.00	23.80	21.40	19.40
TP 200	160.00	145.00	130.00	118.00	97.00	73.00	58.00	46.80	40.00	34.50	29.90	26.40	23.70	21.50
TP 230	169.00	153.00	137.00	124.00	102.00	80.00	60.00	51.30	46.00	37.90	32.80	29.00	26.00	23.60
TP 250	187.00	170.00	152.00	138.00	114.00	89.00	66.70	57.30	50.00	42.10	36.40	32.20	28.90	26.30
TP 275	202.00	183.00	164.00	149.00	123.00	96.00	72.00	61.40	55.00	45.50	39.30	34.80	31.20	28.40
TP 300	232.00	215.00	191.00	177.00	146.00	112.00	84.00	69.00	60.00	50.50	43.70	38.60	34.70	31.50
TP 315	248.00	229.00	203.00	189.00	156.00	120.00	89.60	73.00	63.00	53.90	46.60	41.20	37.00	33.60
TP 340	263.00	243.00	216.00	201.00	166.00	127.00	95.20	78.20	68.00	57.20	49.50	43.80	39.30	35.70
TP 355	275.00	254.00	226.00	209.00	173.00	133.00	99.00	81.60	71.00	59.80	51.70	45.70	41.00	37.30
TP 380	294.00	272.00	242.00	224.00	185.00	142.00	106.00	87.40	76.00	64.00	55.40	48.90	43.90	39.90
TP 400	302.00	279.00	248.00	230.00	190.00	146.00	112.00	92.00	80.00	67.30	58.30	51.50	46.20	42.00
TP 450	337.00	306.00	277.00	248.00	205.00	180.00	135.00	107.00	90.00	76.00	66.00	58.00	52.00	47.00
TP 500	374.00	340.00	308.00	276.00	228.00	200.00	150.00	119.00	100.00	84.00	73.00	64.00	58.00	52.00
TP 520	389.00	354.00	320.00	287.00	237.00	208.00	156.00	124.00	104.00	88.00	76.00	67.00	60.00	54.00
TP 550	412.00	374.00	339.00	303.00	251.00	220.00	165.00	131.00	110.00	93.00	81.00	71.00	64.00	57.00
TP 600	449.00	408.00	369.00	331.00	273.00	240.00	180.00	143.00	120.00	101.00	87.00	77.00	69.00	63.00
TP 675	506.00	459.00	416.00	372.00	308.00	270.00	203.00	161.00	135.00	114.00	98.00	87.00	78.00	71.00
TP 750	562.00	510.00	462.00	413.00	342.00	300.00	225.00	178.00	150.00	126.00	109.00	97.00	87.00	79.00
TP 1000	749.00	680.00	616.00	551.00	456.00	400.00	300.00	238.00	200.00	168.00	146.00	129.00	116.00	105.00
TP 1250	936.00	850.00	769.00	689.00	569.00	500.00	375.00	297.00	250.00	210.00	182.00	161.00	144.00	131.00

Intensité de décharge (Ah) à 1.10V - Température 20°C

Type	Minutes				Heures									
	5	10	15	30	1	2	3	4	5	6	7	8	9	10
TP 10	11.70	10.20	8.60	8.00	6.50	4.47	3.30	2.69	2.33	1.95	1.68	1.47	1.32	1.19
TP 18	19.10	16.60	14.10	13.10	10.60	7.30	5.40	4.41	3.82	3.20	2.75	2.42	2.16	1.95
TP 24	25.40	22.20	18.80	17.40	14.10	9.80	7.20	5.88	5.09	4.26	3.66	3.22	2.87	2.60
TP 30	31.80	27.70	23.50	21.80	17.60	12.20	9.00	7.35	6.36	5.32	4.58	4.02	3.59	3.24
TP 40	38.80	34.50	30.80	28.30	23.40	16.40	12.00	9.80	8.48	7.09	6.11	5.36	4.79	4.32
TP 48	50.90	45.30	40.40	37.20	28.80	20.60	15.10	12.10	10.00	8.37	7.20	6.33	5.64	5.10
TP 55	63.00	56.00	50.00	46.00	34.10	24.80	18.10	14.00	11.50	9.62	8.28	7.27	6.49	5.87
TP 65	71.00	66.00	59.00	54.00	41.00	28.80	20.40	16.30	13.80	11.55	9.94	8.73	7.79	7.04
TP 75	82.00	76.00	68.00	62.00	48.00	33.20	23.50	18.80	15.90	13.30	11.45	10.06	8.97	8.11
TP 90	98.00	92.00	82.00	74.00	57.00	39.80	28.20	22.50	19.10	15.98	13.75	12.08	10.78	9.74
TP 110	120.00	112.00	100.00	91.00	70.00	48.70	34.50	27.50	23.30	19.49	16.78	14.74	13.15	11.88
TP 125	128.00	116.00	107.00	98.00	75.00	54.30	39.60	31.30	26.30	22.00	18.90	16.60	14.80	13.40
TP 140	143.00	130.00	120.00	109.00	88.00	60.80	44.40	35.00	29.40	24.60	21.20	18.60	16.60	15.00
TP 165	164.00	148.00	137.00	125.00	101.00	69.50	50.70	40.00	33.60	28.10	24.20	21.30	19.00	17.10
TP 185	190.00	171.00	158.00	144.00	116.00	80.00	58.70	46.30	38.90	32.50	28.00	24.60	22.00	19.80
TP 200	210.00	190.00	175.00	160.00	129.00	89.00	65.00	51.30	43.10	36.10	31.00	27.30	24.30	22.00
TP 230	221.00	200.00	184.00	169.00	136.00	98.00	69.80	55.70	47.30	39.60	34.10	29.90	26.70	24.10
TP 250	246.00	222.00	205.00	187.00	151.00	109.00	77.60	61.80	52.60	44.00	37.90	33.30	29.70	26.80
TP 275	266.00	240.00	221.00	202.00	163.00	117.00	83.80	66.90	56.80	47.50	40.90	35.90	32.10	29.00
TP 300	312.00	281.00	260.00	232.00	188.00	133.00	93.80	74.30	63.00	52.70	45.40	39.80	35.60	32.10
TP 315	332.00	299.00	277.00	248.00	200.00	142.00	100.00	79.50	67.20	56.20	48.40	42.50	37.90	34.30
TP 340	353.00	318.00	295.00	263.00	213.00	151.00	106.00	84.20	71.40	59.70	51.40	45.20	40.30	36.40
TP 355	369.00	332.00	308.00	275.00	222.00	157.00	111.00	87.90	74.60	62.40	53.70	47.20	42.10	38.00
TP 380	395.00	356.00	329.00	294.00	238.00	169.00	119.00	94.10	79.80	66.80	57.50	50.50	45.00	40.70
TP 400	405.00	365.00	338.00	302.00	244.00	173.00	125.00	99.00	84.00	70.30	60.50	53.10	47.40	42.80
TP 450	443.00	400.00	369.00	337.00	272.00	203.00	149.00	115.00	94.50	79.10	68.00	59.80	53.30	48.20
TP 500	492.00	444.00	410.00	374.00	302.00	226.00	166.00	128.00	105.00	87.90	75.60	66.40	59.20	53.60
TP 520	512.00	462.00	426.00	389.00	314.00	235.00	172.00	133.00	109.00	91.20	78.50	68.90	61.50	55.60
TP 550	541.00	489.00	451.00	412.00	332.00	248.00	182.00	141.00	116.00	96.70	83.10	73.10	65.10	58.90
TP 600	591.00	533.00	492.00	449.00	363.00	271.00	199.00	153.00	126.00	105.40	90.70	79.70	71.10	64.30
TP 675	665.00	600.00	554.00	506.00	408.00	305.00	224.00	173.00	142.00	118.80	102.20	89.80	80.20	72.40
TP 750	738.00	667.00	615.00	562.00	453.00	338.00	248.00	192.00	158.00	132.20	113.80	99.90	89.20	80.60
TP 1000	984.00	889.00	820.00	749.00	604.00	451.00	331.00	255.00	210.00	175.70	151.20	132.80	118.50	107.10
TP 1250	1231.00	1111.00	1025.00	936.00	756.00	564.00	414.00	318.00	263.00	220.00	189.40	166.30	148.40	134.10

Intensité de décharge (Ah) à 1.05V - Température 20°C

Type	Minutes				Heures									
	5	10	15	30	1	2	3	4	5	6	7	8	9	10
TP 10	14.70	13.40	11.20	9.90	7.50	5.02	3.52	2.81	2.38	1.99	1.71	1.50	1.33	1.20
TP 18	24.10	21.90	18.30	16.10	12.30	8.20	5.76	4.56	3.89	3.25	2.79	2.45	2.18	1.96
TP 24	32.20	29.20	24.40	21.50	16.40	11.00	7.68	6.12	5.18	4.33	3.71	3.26	2.90	2.62
TP 30	40.20	36.50	30.50	26.90	20.50	13.70	9.60	7.65	6.48	5.41	4.65	4.07	3.63	3.27
TP 40	49.20	43.10	36.90	33.80	27.40	18.20	12.80	10.20	8.64	7.21	6.20	5.43	4.84	4.36
TP 48	64.60	56.60	48.50	44.40	33.20	22.40	15.90	12.40	10.40	8.68	7.46	6.54	5.82	5.25
TP 55	80.00	70.00	60.00	55.00	39.00	26.60	19.00	14.70	12.10	10.10	8.68	7.61	6.78	6.11
TP 65	85.00	78.00	70.00	64.00	47.00	30.60	21.20	16.80	14.10	11.77	10.11	8.87	7.90	7.12
TP 75	98.00	90.00	80.00	74.00	55.00	35.30	24.50	19.30	16.20	13.53	11.62	10.19	9.07	8.18
TP 90	118.00	108.00	97.00	88.00	65.00	42.40	29.40	23.20	19.50	16.28	13.98	12.26	10.92	9.85
TP 110	144.00	132.00	118.00	108.00	80.00	51.80	35.90	28.30	23.80	19.87	17.07	14.96	13.33	12.02
TP 125	154.00	139.00	127.00	116.00	89.00	59.10	41.20	32.30	26.90	22.46	19.29	16.91	15.06	13.58
TP 140	181.00	164.00	150.00	137.00	105.00	66.20	46.20	36.10	30.10	25.13	21.59	18.93	16.86	15.20
TP 165	207.00	187.00	172.00	156.00	120.00	75.70	52.80	41.30	34.40	28.72	24.67	21.63	19.26	17.37
TP 185	239.00	217.00	199.00	180.00	139.00	88.00	61.00	47.80	39.80	33.20	28.50	25.00	22.30	20.10
TP 200	265.00	240.00	220.00	200.00	154.00	97.00	67.60	52.90	44.10	36.80	31.60	27.70	24.70	22.30
TP 230	279.00	253.00	232.00	211.00	162.00	106.00	74.20	58.10	48.40	40.40	34.70	30.40	27.10	24.40
TP 250	310.00	281.00	258.00	234.00	180.00	118.00	82.40	64.40	53.80	44.90	38.60	33.80	30.10	27.20
TP 275	335.00	303.00	278.00	253.00	195.00	128.00	89.00	69.70	58.10	48.50	41.70	36.50	32.50	29.30
TP 300	377.00	346.00	315.00	284.00	223.00	141.00	96.00	75.80	64.50	53.90	46.30	40.60	36.10	32.60
TP 315	402.00	369.00	336.00	303.00	238.00	150.00	102.00	81.30	68.80	57.40	49.30	43.30	38.50	34.70
TP 340	427.00	392.00	357.00	322.00	253.00	160.00	109.00	85.90	73.10	61.00	52.40	46.00	40.90	36.90
TP 355	446.00	410.00	373.00	336.00	264.00	167.00	114.00	89.60	76.30	63.70	54.70	48.00	42.70	38.50
TP 380	477.00	438.00	399.00	360.00	283.00	178.00	122.00	96.00	81.70	68.20	58.60	51.40	45.80	41.30
TP 400	490.00	450.00	410.00	369.00	290.00	183.00	128.00	102.00	86.00	71.80	61.70	54.10	48.20	43.40
TP 450	558.00	506.00	464.00	421.00	320.00	218.00	156.00	120.00	99.00	82.70	71.00	62.20	55.40	50.00
TP 500	620.00	562.00	516.00	468.00	356.00	242.00	173.00	133.00	110.00	91.90	78.90	69.10	61.60	55.60
TP 520	645.00	585.00	536.00	486.00	370.00	252.00	180.00	139.00	114.00	95.20	81.80	71.70	63.80	57.60
TP 550	682.00	618.00	567.00	515.00	391.00	266.00	191.00	146.00	121.00	101.10	86.80	76.00	67.70	61.10
TP 600	744.00	675.00	619.00	561.00	427.00	291.00	208.00	161.00	132.00	110.20	94.70	83.00	73.90	66.70
TP 675	837.00	759.00	696.00	632.00	480.00	327.00	234.00	181.00	149.00	124.40	106.90	93.70	83.40	75.20
TP 750	930.00	843.00	773.00	702.00	533.00	363.00	260.00	201.00	165.00	137.80	118.30	103.70	92.40	83.30
TP 1000	1240.00	1124.00	1031.00	936.00	711.00	484.00	347.00	268.00	220.00	183.70	157.80	138.30	123.20	111.10
TP 1250	1550.00	1406.00	1289.00	1169.00	889.00	606.00	433.00	335.00	275.00	229.60	197.20	172.90	154.00	138.90

Intensité de décharge (Ah) à 1.00V - Température 20°C

Type	Minutes				Heures									
	5	10	15	30	1	2	3	4	5	6	7	8	9	10
TP 10	16.90	15.90	13.50	11.80	8.60	5.32	3.70	2.90	2.42	2.02	1.74	1.52	1.36	1.22
TP 18	27.70	26.00	22.10	19.80	14.50	8.70	6.06	4.75	3.96	3.31	2.84	2.49	2.22	2.00
TP 24	37.00	34.70	29.50	26.40	19.40	11.60	8.08	6.33	5.28	4.41	3.79	3.32	2.96	2.67
TP 30	46.20	43.40	36.90	33.00	24.30	14.50	10.10	7.91	6.60	5.51	4.73	4.15	3.70	3.33
TP 40	55.40	50.50	42.50	44.00	32.40	19.40	13.46	10.55	8.80	7.35	6.31	5.53	4.93	4.44
TP 48	72.70	66.30	54.80	52.30	37.80	23.70	16.30	12.70	10.50	8.77	7.53	6.60	5.88	5.30
TP 55	90.00	82.00	67.00	60.50	44.50	27.90	19.20	14.80	12.20	10.19	8.75	7.67	6.83	6.16
TP 65	98.00	91.00	80.00	74.00	54.00	32.00	21.90	17.20	14.30	11.94	10.26	8.99	8.01	7.22
TP 75	113.00	105.00	93.00	85.00	62.00	36.90	25.20	19.80	16.50	13.78	11.83	10.37	9.24	8.33
TP 90	135.00	126.00	111.00	102.00	74.00	44.30	30.30	23.70	19.80	16.53	14.20	12.45	11.09	10.00
TP 110	165.00	154.00	136.00	125.00	91.00	54.10	37.00	29.00	24.20	20.21	17.35	15.22	13.55	12.22
TP 125	182.00	168.00	151.00	139.00	101.00	61.00	42.10	33.00	27.50	22.96	19.72	17.29	15.40	13.89
TP 140	215.00	198.00	178.00	164.00	120.00	68.30	47.10	36.90	30.80	25.72	22.09	19.37	17.25	15.55
TP 165	246.00	226.00	203.00	187.00	137.00	78.00	53.90	42.20	35.20	29.39	25.24	22.13	19.71	17.78
TP 185	284.00	262.00	235.00	217.00	158.00	90.00	62.30	48.80	40.70	34.00	29.20	25.60	22.80	20.60
TP 200	315.00	290.00	260.00	240.00	175.00	100.00	69.00	54.10	45.10	37.70	32.30	28.40	25.30	22.80
TP 230	332.00	306.00	274.00	253.00	186.00	110.00	75.70	59.30	49.50	41.30	35.50	31.10	27.70	25.00
TP 250	369.00	340.00	304.00	281.00	205.00	122.00	84.10	65.60	55.00	45.90	39.40	34.60	30.80	27.80
TP 275	398.00	367.00	329.00	303.00	223.00	132.00	90.90	71.20	59.40	49.60	42.60	37.30	33.30	30.00
TP 300	460.00	415.00	370.00	335.00	250.00	144.00	98.30	78.00	66.00	55.10	47.30	41.50	37.00	33.30
TP 315	491.00	443.00	395.00	358.00	267.00	153.00	105.00	83.40	70.40	58.80	50.50	44.30	39.40	35.60
TP 340	521.00	471.00	419.00	380.00	283.00	163.00	111.00	88.40	74.80	62.50	53.60	47.00	41.90	37.80
TP 355	544.00	492.00	438.00	397.00	296.00	170.00	116.00	92.30	78.10	65.20	56.00	49.10	43.70	39.40
TP 380	583.00	526.00	469.00	425.00	317.00	182.00	124.00	98.80	83.60	69.80	60.00	52.60	46.80	42.20
TP 400	598.00	540.00	481.00	436.00	325.00	187.00	131.00	104.00	88.00	73.50	63.10	55.30	49.30	44.40
TP 450	664.00	612.00	547.00	495.00	365.00	229.00	158.00	122.00	99.90	83.40	71.60	62.80	55.90	50.40
TP 500	738.00	680.00	608.00	550.00	406.00	254.00	176.00	136.00	111.00	92.70	79.60	69.80	62.10	56.00
TP 520	767.00	707.00	632.00	572.00	422.00	265.00	183.00	141.00	115.00	96.00	82.50	72.30	64.40	58.10
TP 550	812.00	748.00	669.00	605.00	446.00	280.00	193.00	149.00	122.00	101.90	87.50	76.80	68.30	61.60
TP 600	885.00	816.00	729.00	660.00	487.00	305.00	211.00	162.00	133.00	111.10	95.40	83.60	74.50	67.20
TP 675	996.00	918.00	821.00	743.00	548.00	344.00	237.00	183.00	150.00	125.30	107.60	94.30	84.00	75.80
TP 750	1107.00	1020.00	912.00	825.00	608.00	382.00	263.00	203.00	167.00	139.40	119.80	105.00	93.50	84.30
TP 1000	1476.00	1360.00	1216.00	1100.00	811.00	509.00	351.00	270.00	222.00	185.40	159.20	139.60	124.30	112.10
TP 1250	1844.00	1700.00	1519.00	1375.00	1014.00	636.00	439.00	337.50	278.00	232.10	199.40	174.80	155.70	140.40



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