

POWER BOX™ ENCLOSURES

Product Catalog – June 2017



CUSTOM ENCLOSURES PROVIDE SUPERIOR PROTECTION FOR ELECTRICAL EQUIPMENT IN OUTDOOR APPLICATIONS

Power Box™ Enclosures are custom designed for pole, pad or wall mount applications and provide maximum protection for your specified equipment. The high strength, yet lighter weight aluminum construction includes welded seams for supporting heavier electrical and electronic components. Designed to NEMA 3R requirements for dust and water protection, the enclosures feature powder coating and stainless steel hardware for long term reliability. Backed by over 20 years of experienced in-house engineering services, Power Box enclosures meet a variety of industry applications and provide equipment protection for the harshest environments.

Enclosure Styles and Options

- **Chest-Style – Pad mount with hinged lid or optional front doors**
- **Wall-Mount – Hinged doors or lift off covers**
- **Pole-Mount – Hinged cover**



Pad Mount



Wall Mount



Pole Mount

**Our engineering staff is available to assist with your next project.
Please contact our product support team at (800) 260-3792.**

ENCLOSURE FEATURES



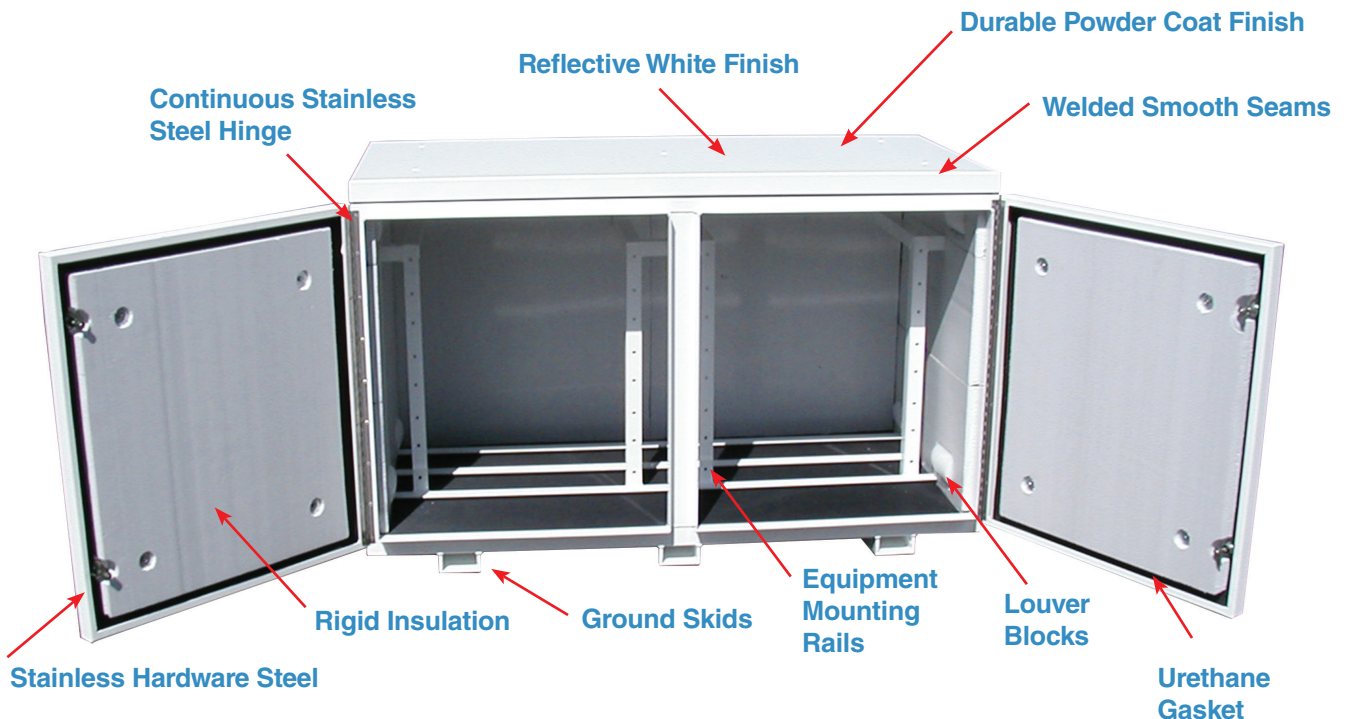
Standard Enclosure Features

- NEMA 3R design
- High strength 5052-H32 Aluminum
- Welded construction – smooth finish
- Durable Powder Coat
- Reflective bright white finish
- 304 Stainless steel hardware
- Screened/filtered louvers
- Padlock hasp
- Continuous hinges
- Chest Style with ground skids
- Pole Mount with U bolts, ½" conduit holes & component plate



Optional Enclosure Features

- Insulation - Rigid Polystyrene
- All Stainless Steel construction
- NEMA 4 and NEMA 4x designs
- Active Heating/Cooling Equipment
- Custom colors
- Integrated PV solar racking
- Brackets for large poles
- Screw covers
- Heavier Gauge Steel Construction
- 19" or 23" rack mount rails
- Equipment Shelves
- Carrying handles or lift eyes
- Hot-dip galvanized steel
- Inverter enclosures



NON-INSULATED POLE-MOUNTED ENCLOSURES

	BATTERY	# OF BATTERIES	PART #	DIMENSIONS (INCHES) (DEPTH x WIDTH x HEIGHT)
	HINGE COVER			
CONCORDE	PVX-1080T	1	BB1-PVX1080T-HC	9x16x20
		2	BB2-PVX1080T-HC	16x16x20
		4	BB4-PVX1080T-HC	16x16x34
		6	BB6-PVX1080T-HC	16x25x34
	PVX-2120L	1	BB1-PVX2120L-HC	12x24x22
		2	BB2-PVX2120L-HC	12x24x36
	PVX-2580L	1	BB1-PVX2580T-HC	15x24x22
		2	BB2-PVX2580T-HC	15x24x36
	PVX-2160T	2	BB2-PVX2160T-HC	16x16x20
DEKA		4	BB4-PVX2160T-HC	16x16x34
	8G30H	1	BB1-8G30H-HC	9x16x20
		2	BB2-8G30H-HC	16x16x20
		4	BB4-8G30H-HC	16x16x34
		6	BB6-8G30H-HC	16x25x34
	8G4D	1	BB1-8G4D-HC	12x24x22
		2	BB2-8G4D-HC	12x24x36
	8G8D	1	BB1-8G8D-HC	15x24x22
GEN		2	BB2-8G8D-HC	15x24x36
	6V/220 AH	2	BB2-6V/220AH-HC	14x18x22

INSULATED POLE-MOUNTED ENCLOSURES

	BATTERY	# OF BATTERIES	PART #	DIMENSIONS (INCHES) (DEPTH x WIDTH x HEIGHT)
	HINGE COVER			
CONCORDE	PVX-1080T	1	BB1-PVX1080T-HC-INS	11x18x22
		2	BB2-PVX1080T-HC-INS	18x18x22
		4	BB4-PVX1080T-HC-INS	18x18x36
		6	BB6-PVX1080T-HC-INS	18x27x36
	PVX-2120L	1	BB1-PVX2120L-HC-INS	14x26x24
		2	BB2-PVX2120L-HC-INS	14x26x38
	PVX-2580L	1	BB1-PVX2580T-HC-INS	17x26x24
		2	BB2-PVX2580T-HC-INS	15x26x38
	PVX-2160T	2	BB2-PVX2160T-HC-INS	18x18x24
		4	BB4-PVX2160T-HC-INS	18x18x36
DEKA	8G30H	1	BB1-8G30H-HC-INS	11x18x22
		2	BB2-8G30H-HC-INS	18x18x22
		4	BB4-8G30H-HC-INS	18x18x36
		6	BB6-8G30H-HC-INS	18x27x36
	8G4D	1	BB1-8G4D-HC-INS	14x26x24
		2	BB2-8G4D-HC-INS	14x26x38
	8G8D	1	BB1-8G8D-HC-INS	17x26x24
		2	BB2-8G8D-HC-INS	15x24x36
GEN	6V/220 AH	2	BB2-6V/220AH-HC-INS	16x20x24

Contact info@plpsolar.com or 800-260-3792 for more information and pricing.

NON-INSULATED CHEST STYLE ENCLOSURES

		BATTERY	# OF BATTERIES	LAYOUT	PART #	DIMENSIONS (INCHES) (DEPTH x WIDTH x HEIGHT)	WEIGHT
HINGE COVER							
SURRETTE	S-460/S-530/ L-16	2	2x1	BB2-S530	16x19x24	31	
		4	2x2	BB4-S530	19x29x24	46	
			1x4	BB4-S530-1X4	16x36x24	48	
		6	2x3	BB6-S530	28x29x24	59	
		8	2x4	BB8-S530	29x36x24	70	
		10	2x5	BB10-S530	29x45x24	81	
		12	2x6	BB12-S530-2X6	29x53x24	92	
			4x3	BB12-S530-4x3	36x43x24	91	
		14	2x7	BB14-S530	29x62x24	103	
	16	2x8	BB16-S530-2X8	29x70x24	114		
			4x4	BB16-S530-4X4	36x56x24	111	
	4CS-17PS 2KS-33PS/4KS 21PS/4KS-25PS	2	2x1	BB2-4KS25PS	19x21x31	47	
		4	2x2	BB4-4KS25PS	21x35x31	70	
			1x4	BB4-4KS25PS-1X4	19x40x31	68	
		6	2x3	BB6-4KS25PS	31x35x31	89	
		8	2x4	BB8-4KS25PS	35x50x31	106	
		10	2x5	BB10-4KS25PS	35x59x31	123	
		12	2x6	BB12-4KS25PS-2X6	35x59x31	139	
			4x3	BB12-4KS25PS-4X3	40x52x31	138	
		14	2x7	BB14-4KS25PS	35x69x31	156	
	16	2x8	BB16-4KS25PS-2X8	35x78x31	172		
			4x4	BB16-4KS25PS-4X4	40x68x31	169	
	6HHG/ EHG 31PS	2	2x1	BB2-6EHG31PS	21x24x19	41	
		4	2x2	BB4-6EHG31PS	21x46x19	64	
			1x4	BB4-6EHG31PS-1X4	24x40x19	60	
		6	2x3	BB6-6EHG31PS	31x46x19	83	
		8	2x4	BB8-6EHG31PS	40x46x19	101	
		10	2x5	BB10-6EHG31PS	46x50x19	118	
		12	2x6	BB12-6EHG31PS-2X6	46x59x19	135	
			4x3	BB12-6EHG31PS-4X3	40x68x19	135	
		14	2x7	BB14-6EHG31PS	46x69x19	151	
	16	2x8	BB16-6EHG31PS-2X8	46x78x19	167		
			4x4	BB16-6EHG31PS-4X4	40x90x19	169	
	125-11PS/6CS 17PS/21PS/25PS	2	2x1	BB2-6CSG25PS	26x27x24	58	
		4	2x2	BB4-6CSG25PS	27x49x24	90	
			1x4	BB4-6CSG25PS-1X4	26x52x24	86	
		6	2x3	BB6-6CSG25PS	40x49x24	117	
		8	2x4	BB8-6CSG25PS	49x52x24	143	
		10	2x5	BB10-6CSG25PS	49x65x24	168	
		12	2x6	BB12-6CSG25PS-2X6	49x77x24	192	
			4x3	BB12-6CSG25PS-4X3	52x73x24	191	
	8HHG/ EHG 31PS/ 8CS17PS	2	2x1	BB2-8CS17PS	21x32x24	57	
		4	2x2	BB4-8CS17PS	21x61x24	92	
			1x4	BB4-8CS17PS-1X4	31x40x24	82	
6		2x3	BB6-8CS17PS	31x61x24	115		
8		2x4	BB8-8CS17PS	40x61x24	139		
10		2x5	BB10-8CS17PS	50x61x24	162		
12		2x6	BB12-8CS17PS-2X6	59x61x24	186		
		4x3	BB12-8CS17PS-4X3	40x91x24	189		
14		2x7	BB14-8CS17PS	61x69x24	207		
16	2x8	BB16-8CS17PS-2X8	61x78x24	229			
8CS25PS	2	2x1	BB2-8CS25PS	27x32x24	67		
	4	2x2	BB4-8CS25PS	27x61x24	107		
		1x4	BB4-8CS25PS-1X4	32x52x24	99		
	6	2x3	BB6-8CS25PS	40x61x24	138		
	8	2x4	BB8-8CS25PS	52x61x24	168		
	10	2x5	BB10-8CS25PS	61x65x24	198		
	12	2x6	BB12-8CS25PS-2X6	61x77x24	168		
		4x3	BB12-8CS25PS-4X3	52x91x24	228		
	14	2x7	BB14-8CS25PS-2X7	61x90x24	255		

NON-INSULATED CHEST STYLE ENCLOSURES

	BATTERY	# OF BATTERIES	LAYOUT	PART #	DIMENSIONS (INCHES) (DEPTH x WIDTH x HEIGHT)	WEIGHT
CONCORDE	PVX-1380T/4140T/ 1680T/5040T/ 2240T	2	2x1	BB2-2240T	14x19x16	25
		4	2x2	BB4-2240T	19x25x16	37
			1x4	BB4-2240T-1X4	14x36x16	36
		6	2x3	BB6-2240T	25x28x16	47
		8	2x4	BB8-2240T	25x36x16	56
		10	2x5	BB10-2240T	25x56x16	66
		12	2x6	BB12-2240T-2X6	25x53x16	75
			4x3	BB12-2240T-4x3	36x37x16	75
		14	2x7	BB14-2240T	25x62x16	84
		16	2x8	BB16-2240T-2X8	25x70x16	93
			4x4	BB16-2240T-4X4	36x48x16	90
	PVX-1040/ 1780T/ 2160T/ 5340T/ 6240T –See DEKA 8G27/ 8G30H		PVX-2120L/ PVX-2580L – See DEKA 8G8D		PVX-690T/ 840T/ 890T/ 1040T/ 1080T –See DEKA 8G27/ 8G30H	
DEKA	8G27/ 8G30H	2	2x1	BB2-GRP30	16x16x16	26
		4	2x2	BB4-GRP30	18x30x16	39
			1x4	BB4-GRP30-1X4	16x34x16	37
		6	2x3	BB6-GRP30	25x30x16	50
		8	2x4	BB8-GRP30	30x33x16	60
		10	2x5	BB10-GRP30	41x30x16	70
		12	2x6	BB12-GRP30-2X6	30x49x16	79
			4x3	BB12-GRP30-4X3	33x44x16	79
		14	2x7	BB14-GRP30	30x57x16	88
		16	2x8	BB16-GRP30-2X8	30x64x16	98
			4x4	BB16-GRP30-4X4	33x58x16	97
	8G4D	2	2x1	BB2-8G4D	21x24x16	38
		4	2x2	BB4-8G4D	21x46x16	59
			1x4	BB4-8G4D-1X4	24x40x16	55
		6	2x3	BB6-8G4D	31x46x16	76
		8	2x4	BB8-8G4D	40x46x16	94
		10	2x5	BB10-8G4D	50x46x16	110
		12	2x6	BB12-8G4D-2X6	46x59x16	126
			4x3	BB12-8G4D-4X3	40x68x16	126
		14	2x7	BB14-8G4D	46x69x16	141
		16	2x8	BB16-8G4D-2X8	46x78x16	157
	8G8D	2	2x1	BB2-8G8D	24x26x16	44
		4	2x2	BB4-8G8D	26x46x16	68
			1x4	BB4-8G8D-1X4	24x50x16	65
		6	2x3	BB6-8G8D	38x46x16	90
		8	2x4	BB8-8G8D	46x50x16	111
		10	2x5	BB10-8G8D	62x46x16	131
		12	2x6	BB12-8G8D-2X6	46x74x16	150
			4x3	BB12-8G8D-4X3	50x68x16	150
		14	2x7	BB14-8G8D	46x86x16	170
		16	4x4	BB16-8G8D-4X4	50x90x16	188
GEN	GOLF CART – 6V/ 200AH	2	2x1	BB2-6V200	13x18x17	25
		4	2x2	BB4-6V200	18x25x17	37
			1x4	BB4-6V200-1X4	14x35x17	36
		6	2x3	BB6-6V200	25x27x17	47
		8	2x4	BB6-6V200	25x32x17	56
		10	2x5	BB10-6V200	43x25x17	65
		12	2x6	BB12-6V200-2X6	25x51x17	74
			4x3	BB12-6V200-4X3	34x35x17	74
		14	2x7	BB14-6V200	25x59x17	83
		16	2x8	BB16-6V200-2X8	25x68x17	92
			4x4	BB16-6V200-4X4	35x47x17	89
	L16 (See SURRETTE S-460/ S-530)					

INSULATED CHEST STYLE ENCLOSURES

	BATTERY	# OF BATTERIES	LAYOUT	PART #	DIMENSIONS (INCHES) (DEPTH x WIDTH x HEIGHT)	WEIGHT	
CONCORDE	PVX-1380T/4140T/ 1680T/5040T/ 2240T	2	2x1	BB2-2240T-INS	17x22x20	38	
		4	2x2	BB4-2240T-INS	22x28x20	51	
			1x4	BB4-2240T-1X4-INS	17x39x20	50	
		6	2x3	BB6-2240T-INS	28x31x20	63	
		8	2x4	BB8-2240T-INS	38x39x20	74	
		10	2x5	BB10-2240T-INS	28x48x20	85	
		12	2x6	BB12-2240T-2X6-INS	28x56x20	95	
			4x3	BB12-2240T-4x3-INS	39x40x20	94	
		14	2x7	BB14-2240T-INS	28x65x20	106	
		16	2x8	BB16-2240T-2X8-INS	28x73x20	116	
		4x4	BB16-2240T-4X4-INS	39x51x20	112		
PVX-1040/ 1780T/ 2160T/ 5340T/ 6240T –See DEKA 8G27/ 8G30H			PVX-2120L/ PVX-2580L – See DEKA 8G8D		PVX-690T/ 840T/ 890T/ 1040T/ 1080T –See DEKA 8G27/ 8G30H		
DEKA	8G27/ 8G30H	2	2x1	BB2-GRP30-INS	19x21x19	39	
		4	2x2	BB4-GRP30-INS	21x33x19	54	
			1x4	BB4-GRP30-1X4-INS	19x37x19	51	
		6	2x3	BB6-GRP30-INS	28x33x19	66	
		8	2x4	BB8-GRP30-INS	33x36x19	78	
		10	2x5	BB10-GRP30-INS	33x44x19	89	
		12	2x6	BB12-GRP30-2X6-INS	33x52x19	99	
			4x3	BB12-GRP30-4X3-INS	36x47x19	99	
		14	2x7	BB14-GRP30-INS	33x60x19	110	
		16	2x8	BB16-GRP30-2X8-INS	33x67x19	121	
		4x4	BB16-GRP30-4X4-INS	36x61x19	119		
	8G4D	2	2x1	BB2-8G4D-INS	24x27x19	53	
		4	2x2	BB4-8G4D-INS	24x49x19	77	
			1x4	BB4-8G4D-1X4-INS	27x43x19	72	
		6	2x3	BB6-8G4D-INS	34x49x19	96	
		8	2x4	BB8-8G4D-INS	43x49x19	115	
		10	2x5	BB10-8G4D-INS	49x53x19	133	
		12	2x6	BB12-8G4D-2X6-INS	49x62x19	150	
			4x3	BB12-8G4D-4X3-INS	43x70x19	151	
		14	2x7	BB14-8G4D-INS	49x72x19	167	
		16	2x8	BB16-8G4D-2X8-INS	49x81x19	184	
	8G8D	2	2x1	BB2-8G8D-INS	27x29x19	59	
		4	2x2	BB4-8G8D-INS	29x49x19	87	
			1x4	BB4-8G8D-1X4-INS	27x53x19	84	
		6	2x3	BB6-8G8D-INS	41x49x19	111	
		8	2x4	BB8-8G8D-INS	49x53x19	134	
		10	2x5	BB10-8G8D-INS	49x65x19	156	
		12	2x6	BB12-8G8D-2X6-INS	49x77x19	177	
			4x3	BB14-8G8D-4X3-INS	53x70x19	177	
GEN	GOLF CART – 6V/ 200AH	2	2x1	BB2-6V200-INS	16x21x20	38	
		4	2x2	BB4-6V200-INS	21x28x20	51	
			1x4	B84-6V200-1X4-INS	17x38x20	50	
		6	2x3	BB6-6V200-INS	28x30x20	63	
		8	2x4	BB6-6V200-INS	28x38x20	74	
		10	2x5	BB10-6V200-INS	28x46x20	84	
		12	2x6	BB12-6V200-2X6-INS	28x54x20	94	
			4x3	BB12-6V200-4X3-INS	38x39x20	93	
		14	2x7	BB14-6V200-INS	28x62x20	105	
		16	2x8	BB16-6V200-2X8-INS	28x71x20	115	
			4x4	BB16-6V200-4X4-INS	38x50x20	110	
		L16 (See SURRETTE S-460/ S-530)					

INSULATED CHEST STYLE ENCLOSURES

	BATTERY	# OF BATTERIES	LAYOUT	PART #	DIMENSIONS (INCHES) (DEPTH x WIDTH x HEIGHT)	WEIGHT
SURRETTE	S-460/S-530/ L-16	2	2x1	BB2-S530-INS	19x22x28	43
		4	2x2	BB4-S530-INS	22x32x28	61
			1x4	BB4-S530-1X4-INS	19x39x28	63
		6	2x3	BB6-S530-INS	31x32x28	76
		8	2x4	BB8-S530-INS	32x39x28	89
		10	2x5	BB10-S530-INS	32x48x28	102
		12	2x6	BB12-S530-2X6-INS	32x56x28	115
			4x3	BB12-S530-4x3-INS	39x46x28	114
		14	2x7	BB14-S530-INS	32x65x28	128
		16	2x8	BB16-S530-2X8-INS	32x73x28	141
			4x4	BB16-S530-4X4-INS	39x59x28	137
	4CS-17PS 2KS-33PS/4KS 21PS/4KS-25PS	2	2x1	BB2-4KS25PS-INS	22x24x35	64
		4	2x2	BB4-4KS25PS-INS	24x38x35	90
			1x4	BB4-4KS25PS-1X4-INS	22x43x35	88
		6	2x3	BB6-4KS25PS-INS	34x39x35	110
		8	2x4	BB8-4KS25PS-INS	39x43x35	129
		10	2x5	BB10-4KS25PS-INS	38x53x35	147
		12	2x6	BB12-4KS25PS-2X6-INS	38x62x35	165
			4x3	BB12-4KS25PS-4X3-INS	43x55x35	163
		14	2x7	BB14-4KS25PS-INS	38x72x35	183
		16	2x8	BB16-4KS25PS-2X8-INS	38x81x35	201
			4x4	BB16-4KS25PS-4X4-INS	43x71x35	196
	6HHG/ EHG 31PS	2	2x1	BB2-6EHG31PS-INS	24x27x23	57
		4	2x2	BB4-6EHG31PS-INS	24x49x23	83
			1x4	BB4-6EHG31PS-1X4-INS	27x43x23	78
		6	2x3	BB6-6EHG31PS-INS	34x49x23	103
		8	2x4	BB8-6EHG31PS-INS	43x49x23	123
		10	2x5	BB10-6EHG31PS-INS	49x53x23	142
		12	2x6	BB12-6EHG31PS-2X6-INS	49x62x23	160
			4x3	BB12-6EHG31PS-4X3-INS	43x72x23	160
		14	2x7	BB14-6EHG31PS-INS	49x72x23	177
		16	2x8	BB16-6EHG31PS-2X8-INS	49x81x23	195
	125-11PS/6CS 17PS/21PS/25PS	2	2x1	BB2-6CSG25PS-INS	29x30x28	76
		4	2x2	BB4-6CSG25PS-INS	30x52x28	112
			1x4	BB4-6CSG25PS-1X4-INS	29x55x28	109
		6	2x3	BB6-6CSG25PS-INS	43x52x28	141
		8	2x4	BB8-6CSG25PS-INS	52x55x28	169
		10	2x5	BB10-6CSG25PS-INS	52x68x28	195
		12	2x6	BB12-6CSG25PS-2X6-INS	52x80x28	221
			4x3	BB12-6CSG25PS-4X3-INS	55x76x28	220
	8HHG/ EHG 31PS/ 8CS17PS	2	2x1	BB2-8CS17PS-INS	24x35x28	74
		4	2x2	BB4-8CS17PS-INS	24x64x28	114
			1x4	BB4-8CS17PS-1X4-INS	35x43x28	103
		6	2x3	BB6-8CS17PS-INS	34x64x28	139
		8	2x4	BB8-8CS17PS-INS	43x64x28	164
		10	2x5	BB10-8CS17PS-INS	53x64x28	189
		12	2x6	BB12-8CS17PS-2X6-INS	62x64x28	214
		14	2x7	BB14-8CS17PS-INS	64x72x28	237
		16	2x8	BB16-8CS17PS-2X8-INS	64x81x28	260
	8CS25PS	2	2x1	BB2-8CS25PS-INS	30x35x28	85
		4	2x2	BB4-8CS25PS-INS	30x64x28	130
			1x4	BB4-8CS25PS-1X4-INS	35x55x28	123
		6	2x3	BB6-8CS25PS-INS	43x64x28	163
		8	2x4	BB8-8CS25PS-INS	55x64x28	195
		10	2x5	BB10-8CS25PS-INS	64x68x28	227
		12	2x6	BB12-8CS25PS-2X6-INS	62x80x28	195

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