# PTS90536 SERIES SMALL CELL AC DISTRIBUTION PANEL

## 208/240 VAC, 12 Position, Power Distribution Panel with Surge Protection

Compact Small Cell AC Load Center

PACIFIC

**TECHNICAL** 

**SOLUTIONS** 

- Suitable for Use as Service Equipment SUSE Rated
- Factory loaded with 10-70 AMP Main Breaker
  - $\circ$  10 kAIC Standard; 22kAIC  $\leq$  60 AMP Optional
- External Rotary Disconnect Switch
- L1 / L2 or L1/L2/ N SPD's Available
- Pole Mounting Bracket Included
- Ground Lug Kit for #6 AWG Ground Wire Included

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#### PTS90536

Intertek

#### **Electrical Specifications**

Main Service	208 / 240 VAC 1Ø3W
Main Breaker Rating	10 - 70 AMP
Short Circuit Rating	10 kAIC Standard, 22 kAIC ≤ 60 AMP Optional
Main Input Wire Size	#14 - #2 AWG Cu - Al
Switch Rating	100A UL98 LockOut/TagOut
Neutral & Ground Contacts	#14 - #4 AWG Cu - Al
SPD Type	L1/L2 (+N Optional)
SPD Ratings	20 kA 8/20 μs Nominal, 50kA max - Type 2
Distribution Breaker Rating	120/208/240 VAC 1Ø2W or 1Ø3W
Distribution Breakers Ampacity	1 - 25 AMP / UL489
Distribution Breakers - Maximum Positions	12, 16 or 20 Positions
Output Distribution Wire Size	#14 - #4 AWG Cu - Al
External Ground Connection	2-hole 1/4-20 w/ 5/8" Spacing
Certification	ETL Listed to UL67 Panel Boards

#### **Mechanical Specifications**

Housing Material	Po	Powder Coated Aluminum						
Breaker Access		Padlockable Wing Knob						
Load Center	12 Position	16 Position	20 Position					
Housing Dimensions (H x W x D)	17.77 x 9.25 x 5.00	20.75 x 9.25 x 5.00	22.75 x 9.25 x 5.00					
Unit Weight / Shipping Weight	17 lbs / 21 lbs	20 lbs / 25 lbs	22 lbs / 28 lbs					
Operating Temp		-40 °C to 60 °C						
Humidity		95% Non-Condensing						



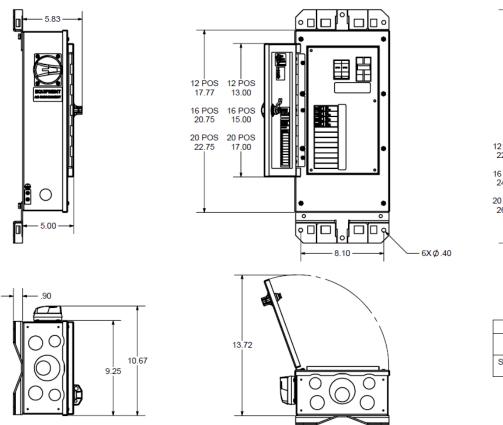


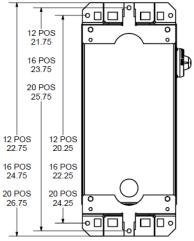


### PTS90536 Load Examples

Pere D/N	Base P/N AMP				Position											SPD		kA		Description				
Dase P/IN	POS		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12		SPL		κA			Description			
PTS90536 -	612	-	А	Α	Α	Α	Α	Α							-	P2	-		208/240 VAC 60A 10 kAIC Main; P2 SPD; 6x10A 1Pole Load					
PTS90536 -	612	-	К	K	K	K	K	K							-	P2	-		208/24	VAC 6	0A 10 kAIC Mai	n; P2 SPD; 6x20A 1Pole Load		
PTS90536 -	612	-	١	<b>v</b>	1	<b>v</b>	١	<b>v</b>	,	V	K	K	K	К	-	P2	-		208/24	VAC 6	0A 10 kAIC Mai	n; P2 SPD; 4x20A 2Pole & 4x20	A 1Pole Load	
PTS90536 -	712	-	Х	X	Х										-	P2	-		208/24	VAC 7	0A 10 kAIC Mai	n; P2 SPD; No Load Breakers		
PTS90536 -	612	-	(	ב	(	ב	F	F							-	P2N	1 - 1	22	208/24	VAC 6	0A 22 kAIC Mai	n; P2N SPD; 2x15A 2Pole & 2x1	15A 1Pole Load	
							P2 = (L1/L2-PE), P2N = (L1/L2/N-PE)																	
											Pc	sition	Кеу											
			A	ИР	1	2	3	4	5	6	7	8	9	10	1	12	15		16 20	25	No Breaker			
			1P	ole	1	2	3	4	5	6	7	8	9	Α	(	С	F		G K	S	S Y as Black			
			2P	ole					W					L	1	Ν	Q		R V	V T X or Blank				
	Amperage Code ### # = Main Breaker Amperage 6=60A; 7=70A (10A to 70A 10 kAIC Standard; \$ 60A 22kAIC Available)   ## = Number of Positions 12 or 16 or 20																							
Additional/S	pare l	JL4	89A D	DIN Ra	il Bre	akers																		
PTS P	/N			Descr	ription							PTS	P/N			Description						PTS P/N	Description	
PT-KM1N	I-01A		1	AMP ,	/ 1 PO	LE	1				F	PT-KM	1N-15	A		15	AMF	IP / 1 POLE				PT-KM2N-10A	10 AMP / 2 POLE	
PT-KM1N	I-06A		6	AMP ,	/ 1 PO	LE	]				F	PT-KM	1N-16	Ą		16	AMF	AMP / 1 POLE				PT-KM2N-15A	15 AMP / 2 POLE	
PT-KM1N	I-07A		7	AMP	/ 1 PO	LE	]				F	PT-KM	1N-20	A		20	AMF	P/1	1 POLE			PT-KM2N-20A	20 AMP / 2 POLE	
PT-KM1N	I-10A		10	AMP	/ 1 PC	LE					F	PT-KM	1N-25	Ą		25	AMF	P/1	1 POLE			PT-KM2N-25A	25 AMP / 2 POLE	

### **PTS90536 Outline Drawings**





POSITIONS	12	16	20
UNIT MAX WEIGHT	17 LBS	20 LBS	22 LBS
SHIPPING MAX WEIGHT	21 LBS	25 LBS	28 LBS

