# PTS90523 SERIES SMALL CELL AC DISTRIBUTION PANEL

# **120/240 VAC, 9 Position, Power** Distribution Panel with Surge Protection

- Compact Small Cell AC Load Center
- Suitable for Use as Service Equipment SUSE Rated
- Factory loaded 10-70 AMP Main Breaker

PACIFIC

**TECHNICAL** 

**SOLUTIONS** 

PTS

5**G** 

- 10 kAIC Standard; 22kAIC ≤ 60 AMP Optional
- External Rotary Disconnect Switch
- L1 or L1/ N SPD's Available
- Pole Mounting Bracket Included
- Ground Lug Kit for #6 AWG Ground Wire Included
- NEMA 3R Outdoor Enclosure





#### PTS90523

### **Electrical Specifications**

Main Service	120 / 240 VAC 1Ø2W
Main Breaker Rating	10 - 70 AMP
Short Circuit Rating	10 kAIC Standard, 22 kAIC ≤ 60 AMP Optional
Main Input Wire Size	#14 - #4 AWG Cu - Al
Switch Rating	100A UL98 LockOut/TagOut
Neutral & Ground Contacts	#14 - #4 AWG Cu - Al
SPD Type	L1 (+N Optional)
SPD Ratings	20 kA 8/20 µs Nominal, 50kA max - Type 2
Distribution Breaker Rating	120 / 240 VAC 1Ø2W
Distribution Breakers Ampacity	1 - 25 AMP / UL489
Distribution Breakers - Maximum Positions	9 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**

Breaker Access Housing Dimensions (H x W x D) Unit Weight / Shipping Weight Operating Temp Humidity	Housing Material	Pow
Unit Weight / Shipping Weight Operating Temp	Breaker Access	Pa
Operating Temp	Housing Dimensions (H x W x D)	
	Unit Weight / Shipping Weight	
Humidity	Operating Temp	
	Humidity	9

Powder Coated Aluminum Padlockable Wing Knob 16.31 x 6.77 x 5.26 13 lbs / 16 lbs -40 °C to 60 °C 95% Non-Condensing



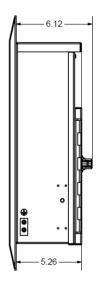


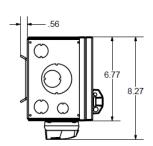


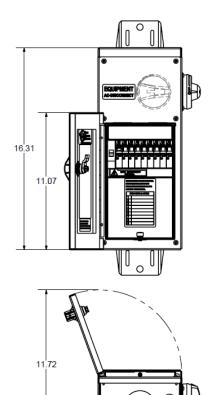
### PTS90523 Load Examples

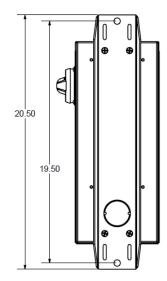
Dece D/N		A		Position													kA	Description										
Base P/N		P		P1	P2	<b>P</b> 3	P4	P5	P6	P7	<b>P8</b>	P9		SP	וי	K	КА	Description										
PTS90523	-	6	-	А	Α	Α	Α	Α					-	Р		-	12	120/240 VAC 60A 10 kAIC Main; 1P SPD; 5x10A Load										
PTS90523	-	6	-	K	K	K	K	К					-	Ρ		-	12	120/240 VAC 60A 10 kAIC Main; 1P SPD; 5x20A Load										
PTS90523	-	6	-	7	7	7	7	7	7	7	7	7	-	Р	ŀ	-	12	120/240 VAC 60A 10 kAIC Main; 1P SPD; 9x7A Load										
PTS90523	-	6	-	Х	Х	Х							-	PN	1	- :	22 12	120/240 VAC 60A 22 kAIC Main; 1PN SPD; No Load Breakers										
PTS90523	-	7	-	K	K	K	K	К					-	PN	۱ (	-	12	120/240 VAC 70A 10 kAIC Main; 1PN SPD; 5x20A Load										
														P =	L1 (L1	L-P	PE), PI	, PN = (L1/N-PE)										
			Position Key																									
				٨N	ИР	1	2	3	4	5	6	7		8	9	9	10	12	15									
				1P	ole	1	2	3	4	5	6	7		8	9	9	A	С	F	G	K	S	X or Blank					
	Amperage Code 6=60A; 7=70A (10A to 70A 10 kAIC Standard; ≤ 60A 22kAIC Available)																											
Additional	/Sp	bar	e١	UL489	9A DII	N Rail	Brea	kers																				
PTS P	/N				Desc	riptio	n			PTS P/N						Description							PTS P/N	Description				
PT-KM1N	N-C	)1A		1	L AMP	/ 1 PC	DLE				PT-KN	0A			10	) AMP	/ 1 POI	POLE				T-KM1N-16A	16 AMP / 1 POLE					
PT-KM1		6	5 AMP	/ 1 PC	DLE				PT-KN	2A			12	AMP	/ 1 POI	.E			P.	T-KM1N-20A	20 AMP / 1 POLE							
PT-KM1	7A		7	7 AMP	/ 1 PC	DLE				PT-KN	5A			15	5 AMP	MP / 1 POLE					T-KM1N-25A	25 AMP / 1 POLE						

## **PTS90523 Outline Drawings**









UNIT MAX WEIGHT: 13 LBS SHIPPING MAX WEIGHT: 16 LBS

