

CZ SOLAR SYSTEMS FRONT TERMINAL BATTERY CABINETS

POWER 
Power for a World of Applications

CZS CABINET

255 - 3060 AH (12-124 Kwh)

INTRODUCTION

The CZ-Solar series of fully enclosed cabinets from Power Battery provides reliable battery power to meet the needs of any off-grid or grid tie application. They are designed to hold the Power Battery front terminal, advanced gel VRLA batteries. Batteries are manufactured in our Hydro-electric fed facility and the cabinet system is assembled in either the USA or Canada.

FEATURES & BENEFITS

- U.L. listed when factory pre-wired.
- 100% Fully load tested before shipment.
- Front terminal battery design for easy and safe maintenance.
- Fully vented and meets NEMA 1 standard.
- Removable sides for ease of installation and maintenance.
- Engineered for a minimal voltage drop not exceeding 2%.
- Fused for overcurrent protection.
- Ground stud provided.
- Knock-outs on top, sides and bottom.
- UBC Seismic zone 4 certified.
- Neoprene insulation between batteries and rails.
- Shipped bolted to a heavy duty pallet.
- Batteries strapped to rails.
- Fork lift access from four directions.
- Chip and corrosion resistant powder coating.
- IBM off white color.



1CZ4-20PSG255FT-48

OPTIONS

- Casters for ease of installation.
- Chargers for extended run time systems.
- Circuit breakers and accessories sized to meet your load requirements.
- Custom colors and cabinets designed to match existing equipment.
- Floor loading plates for weight distribution.
- Seismic anchor bolt kits.
- Battery monitoring.
- Wall mounted junction box for multiple string termination.
- DC rated fuse with auxiliary contact for remote monitoring.
- Heat and smoke detector with Aux Contact.
- Any voltage and custom sizes available.



Power Battery Company, Inc.

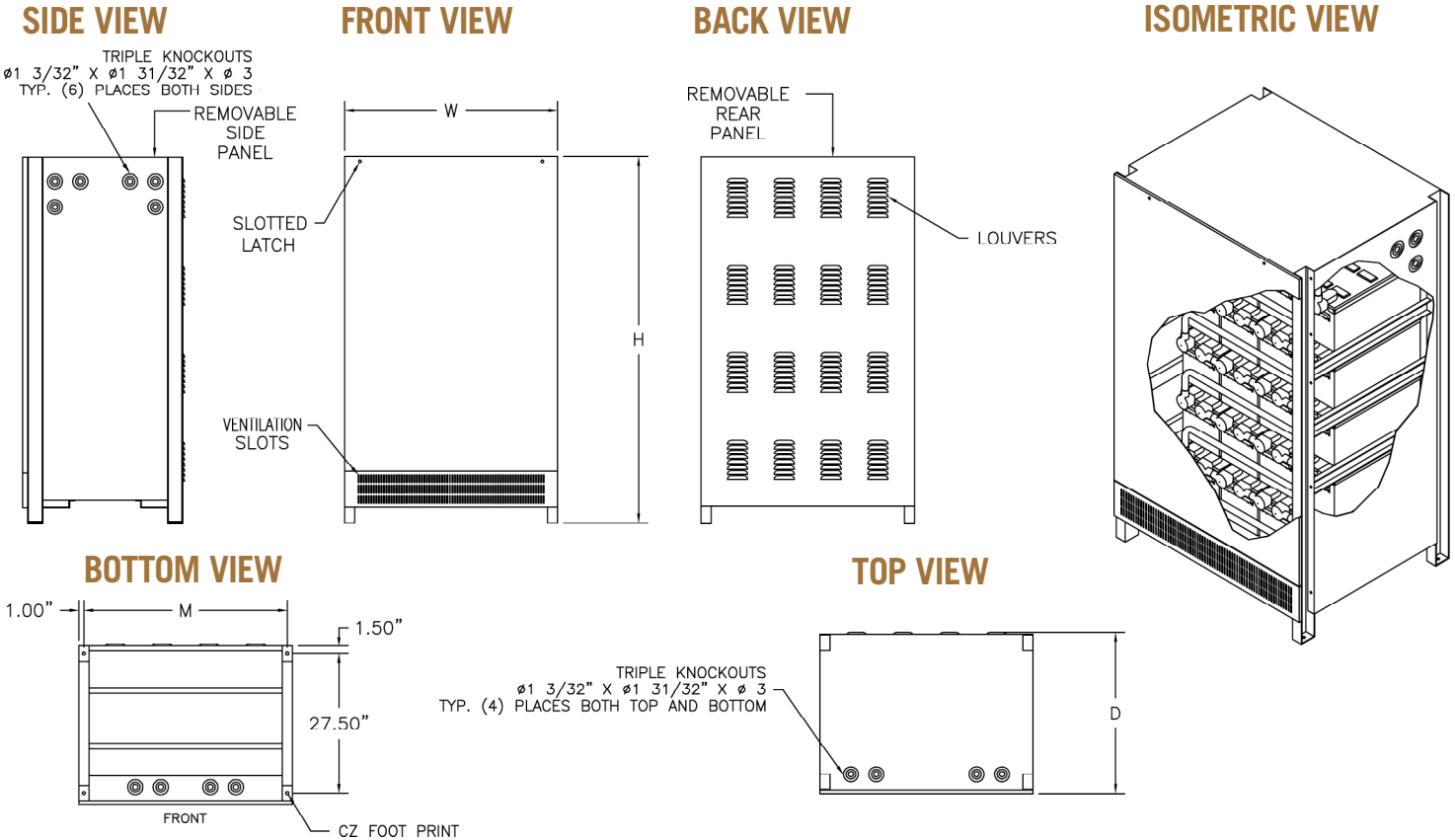
(973) 523-8630 • www.powerbattery.com

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48 VOLT SYSTEM

MODEL	SYSTEM CAP.@ 100 HR RATE		DIMENSIONS (INCHES)			WEIGHT LBS	BATTERY MODEL	# OF BATTERIES	# OF STRINGS
	AH	KWH	W	D	H*				
1CZ1-4PSG255FT-48	255	12.424	28	31.625	40	883	PSG-12255FT	4	1
1CZ3-12PSG120FT-48	360	17.535	42	31.625	50	1300	PSG-12120FT	12	3
1CZ3-8PSG255FT-48	510	24.847	42	31.625	50	1620	PSG-12255FT	8	2
1CZ3-20PSG120FT-48	600	29.226	42	31.625	50	1900	PSG-12120FT	20	5
1CZ3-12PSG255FT-48	765	37.271	42	31.625	50	2280	PSG-12255FT	12	3
1CZ6-28PSG120FT-48	840	40.916	42	31.625	61.125	2600	PSG-12120FT	28	7
1CZ6-16PSG255FT-48	1020	49.694	42	31.625	61.125	3040	PSG-12255FT	16	4
1CZ4-20PSG255FT-48	1275	62.118	42	31.625	71.125	3800	PSG-12255FT	20	5
2CZ3-24PSG255FT-48	1530	74.542	84	31.625	50	4260	PSG-12255FT	24	6
2CZ6-28PSG255FT-48	1785	86.965	84	31.625	61.125	5560	PSG-12255FT	28	7
2CZ6-32PSG255FT-48	2040	99.389	84	31.625	61.125	6240	PSG-12255FT	32	8
2CZ4-40PSG255FT-48	2550	124.34	84	31.625	71.125	7800	PSG-12255FT	40	10
3CZ6-48PSG255FT-48	3060	149.08	126	31.625	61.125	9360	PSG-12255FT	48	12

*WHEN OPTIONAL CASTERS ARE PROVIDED, ADD 1.19" TO THE HEIGHT OF THE CABINET

1854-1-0811

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