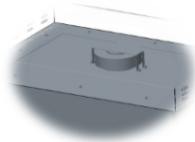


Coolstar™

Controlled temperature cabinet for VRLA batteries for Outdoor application

- Top installed fan
- Intelligent ventilation control
- Forced & nature H₂ gas dismiss
- Ready for turning to fan cooling



- A/C + top installed fan
- Full airflow circuit
- High uniform of cell temperature



- Fan cooling is optional
- Good choice for HTB battery or Cool area
- Fan control unit with intelligent logic
- Axial D.C. fan with strong airflow



- A/C cooling is optional
- A/C cooling with regular fresh air flow
- Maximum airflow circuit with top installed fan
- Resettable operation scenario with control unit



- IP55 design for harsh outdoor environment
- Customized to IP65



- Both A.C. and D.C. version available
- Lower power consumption
- 40 watts in daily average



- 48V battery bank
- 48V D.C. Axial fan
- 48V D.C. A/C



- 220V A.C. A/C



- Fast & easy installation
- Disassemble cabinet design
- Easy transportation with flat pack



- No screw visible
- Nine points locked



- Auto door open light
- Auto door open alarm



- A/C & Smart fan Interface
- Intelligent control logic
- Resettable operation scenario

- Anti-theft design
- No screw visible
- Nine points locked

- Less foot print
- 0.96m² for REX&HTB 48V 1200Ah
- 1.09m² for OPzV 48V 1200Ah

- Flexible cable access
- 3 cable access positions

- Universal lifting
- Simply & Stable design
- Could be lift by rope and forklift

- Removable rack design
- Universal for different battery size
- Universal with 19" rack

- Flat pack delivery
- Flat pack delivery is optional
- Minimizes costs

With a combo offer, make solution flexible

By battery supplier, prolong battery life

Coolstar™

Controlled temperature cabinet for VRLA batteries for Outdoor application

Cabinet types

Cabinet Mode	Cabinet size (mm)			Weight(Kg)*	Protection class
	H	W	D		
CS48600 E ADF	2050	1000	700	233	IP55
CS481200 E ADF	2050	1200	850	265	IP55
CS48800 R ADF	2050	1200	700	255	IP55
CS481200 R ADF	2350	1200	800	292	IP55
CS481000 O ADF	2050	1150	950	281	IP55
CS481500 O ADF	2350	1150	1100	300	IP55
CS48200 F2 ADF	1150	800	800	139	IP55
CS48200 F4 ADF	1850	800	800	190	IP55
CS481500 R ADF	2050	1450	800	296	IP55

Electrical

Parameters		Unit	EC10	EC06	DC05	DF10
Cooling power	35L/35L	W	1000	600	500	
	35L/25L	W	800	500	300	
Power consumption	Maximum	W	480	300	200	58
Power consumption average daily	Cyclic	W	160~200	120~160	60~96	58
	Float	W	56~82	50~60	50~60	58
	Cyclic at ECO mode @ 35°C	W	56~70	42~56	30~48	58
	Float at ECO mode @ 35°C	W	28~35	20~28	20~28	58
Input voltage		V	220V +/- 15% AC		-48V DC	-48V DC
MTBF		hrs	≥50,000 hrs			
Communication		-	RS485			

Cabinet types V.S. battery types

Cabinet Mode	Battery type	Battery size (mm)			Battery layout*	Spare 19" or 23" rack*
		W	H	D		
CS48600 E ADF	EOS-200	184.5	94.5	372	6 layer * 4 pcs per layer	18U
	EOS-300	184.5	123	372		15U
	EOS-400	184.5	166	372		8U
	EOS-500	184.5	194	372		5U
	EOS-600	184.5	223	372		-
	REX&HTB-200	227	96	303	8 layers * 3 pcs per layer	9U
	REX&HTB-300	227	133	303		4U
	REX&HTB-500	231	155	408		-
	4OPzV200	206	103	389		9U
	6OPzV300	206	145	389		-
CS481200 E ADF	EOS-800	229	154	566	6 layer * 4 pcs per layer	8U
	EOS-1000	229	186	566		-
	EOS-1200/1250	229	225	566		-
	6OPzV400	206	145	505		9U
	7OPzV500	206	166	505		5U
CS48800 R ADF	REX&HTB-400	227	170	303	6 layer * 4 pcs per layer	5U
	REX&HTB-600	231	180	408		-
	REX&HTB-800	231	231	408		-
CS481200 R ADF	REX&HTB-1000	231	282	408	6 layer * 4 pcs per layer	-
	REX&HTB-1200	232	263	514		-
CS481000 O ADF	6OPzV600	206	145	678	6 layer * 4 pcs per layer	9U
	8OPzV800	210	191	678		-
	10OPzV1000	210	233	678		-
CS481500 O ADF	12OPzV1200	210	275	678	6 layer * 4 pcs per layer	-
	12OPzV1500	210	275	827		-
CS48200 F2 ADF	Acme, MP & ICS				2 layer * 4 pcs per layer	Dpends
CS48200 F4 ADF	Acme, MP & ICS				4 layer * 4 pcs per layer	Dpends
CS481500 R ADF	REX1500	232	322	514	5 layer * 5 pcs per layer	-

Notes:

1. The weight is without A/C and battery.
2. "Spare 19" or 23" rack" means the space left above battery strings and under cabinet roof.
3. Smaller battery can be installed in bigger cabinet.
4. Smaller battery installed in bigger cabinet can have more space for 19" or 23" rack.

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