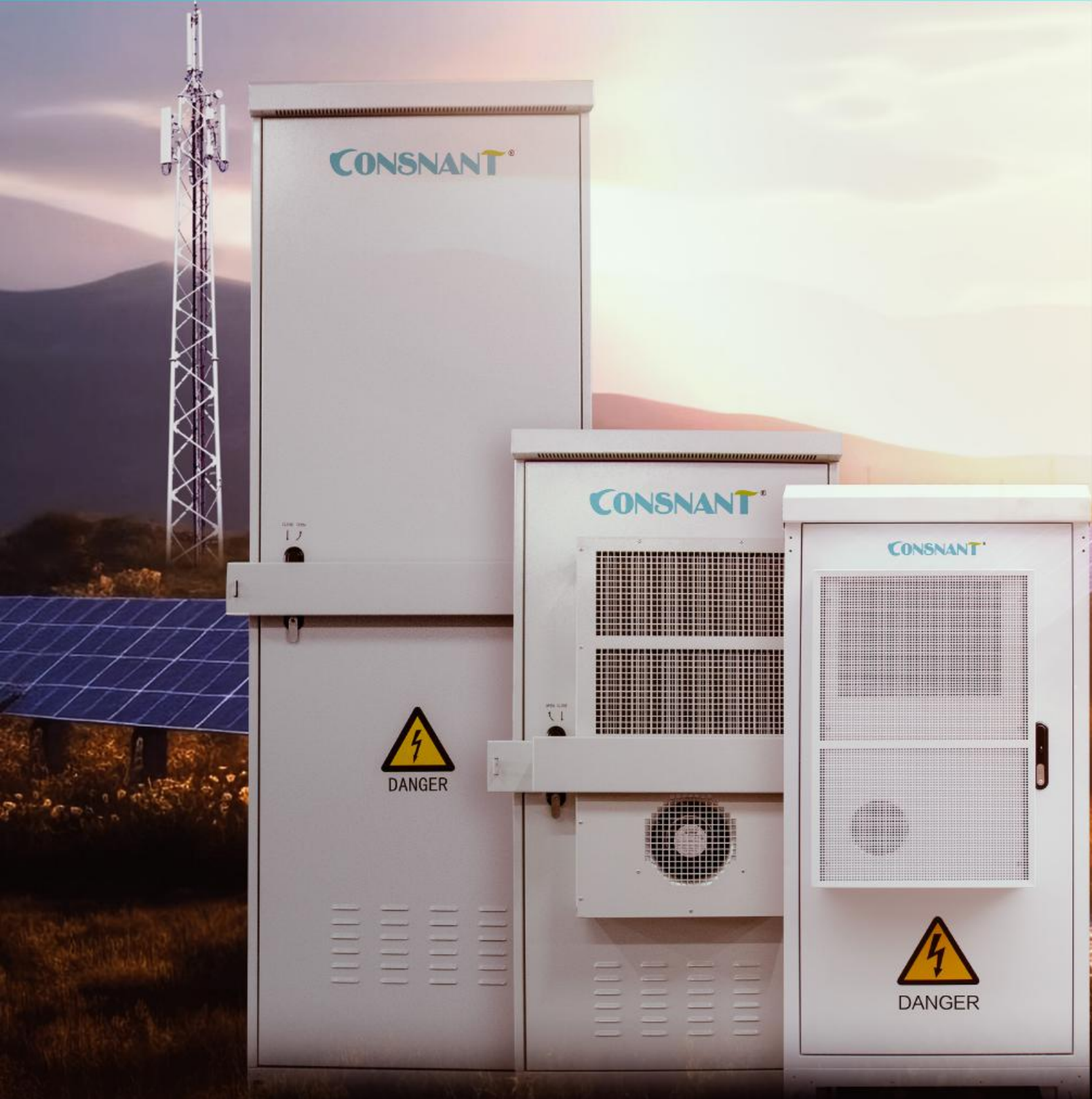
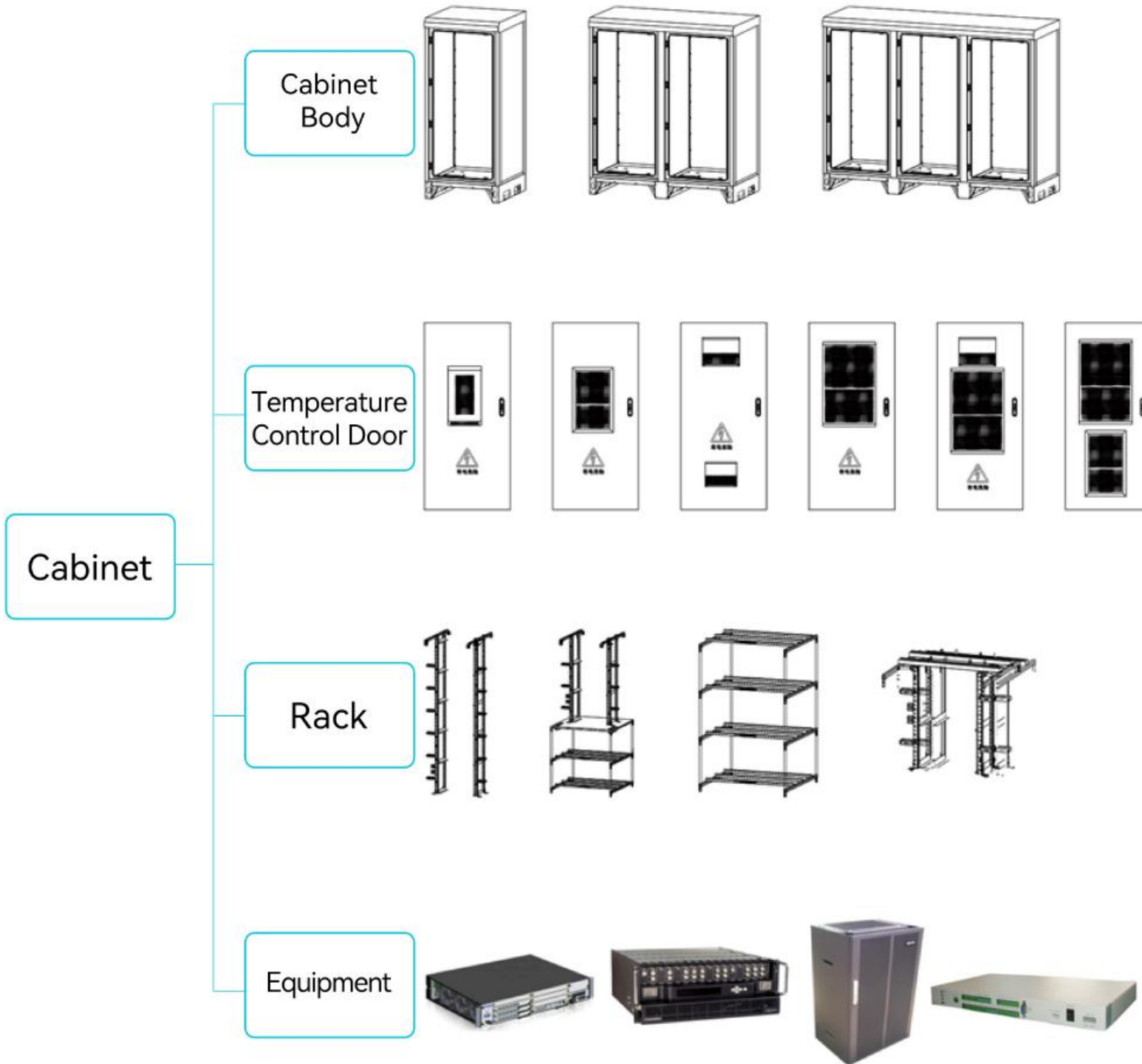


# ODU Telecom Cabinet



# Product Architecture



# Cabinet Accessories



Foot



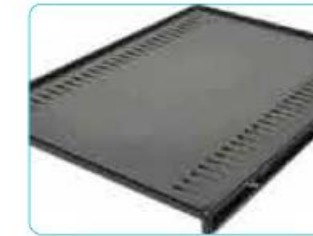
Base



Keyboard Stand



Floating Nut



Panel



PDU

## Optional Accessories

### Monitoring



Monitoring Unit



Temperature and Humidity Sensor



Smoke Detector



Door Sensor

### ODF&DDF

### Communications Power Supply & AC Distribution



48 Cores ODF



16 Systems DDF

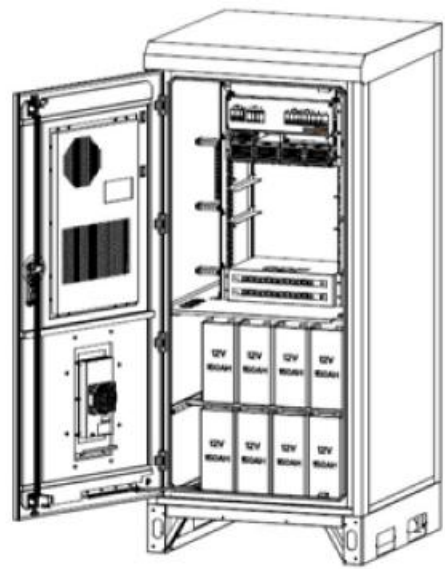
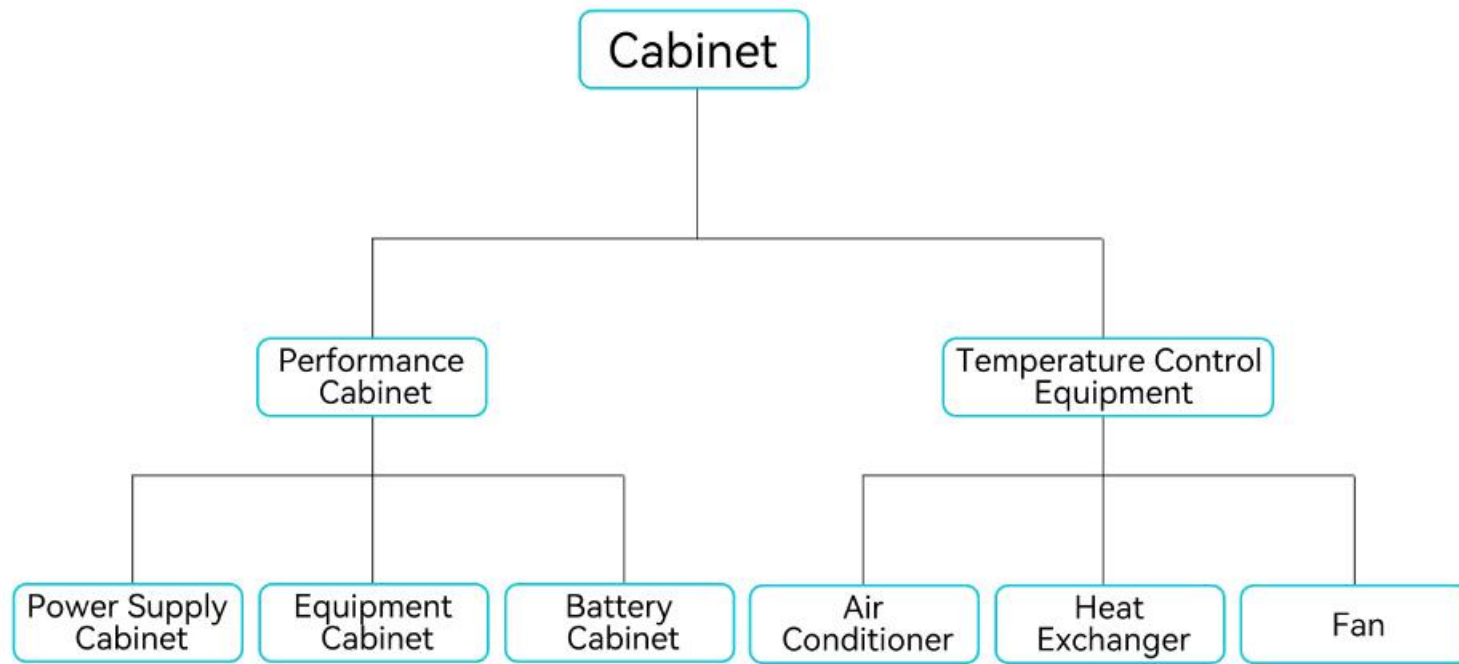


Communications Power Supply

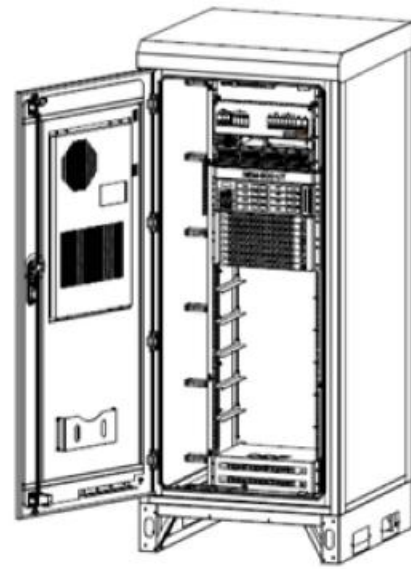


AC Distribution Box

# Cabinet Categories



Power Supply Cabinet



Equipment Cabinet



Battery Cabinet



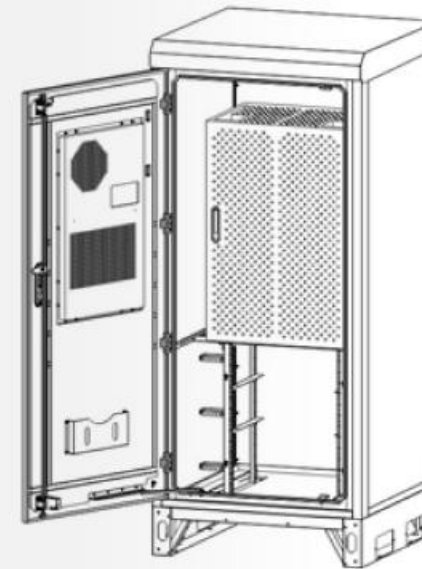
Air Conditioner



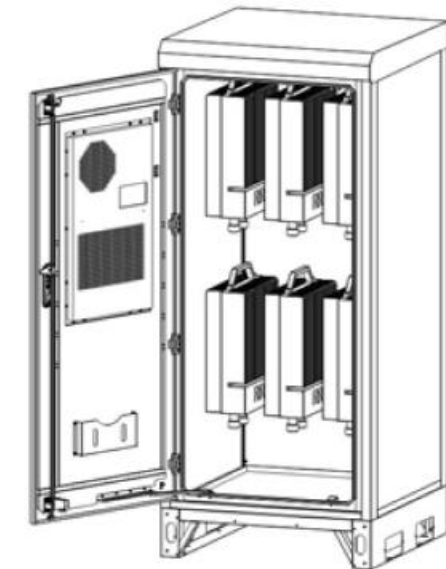
Heat Exchanger



Combined Unit of AC&HEX



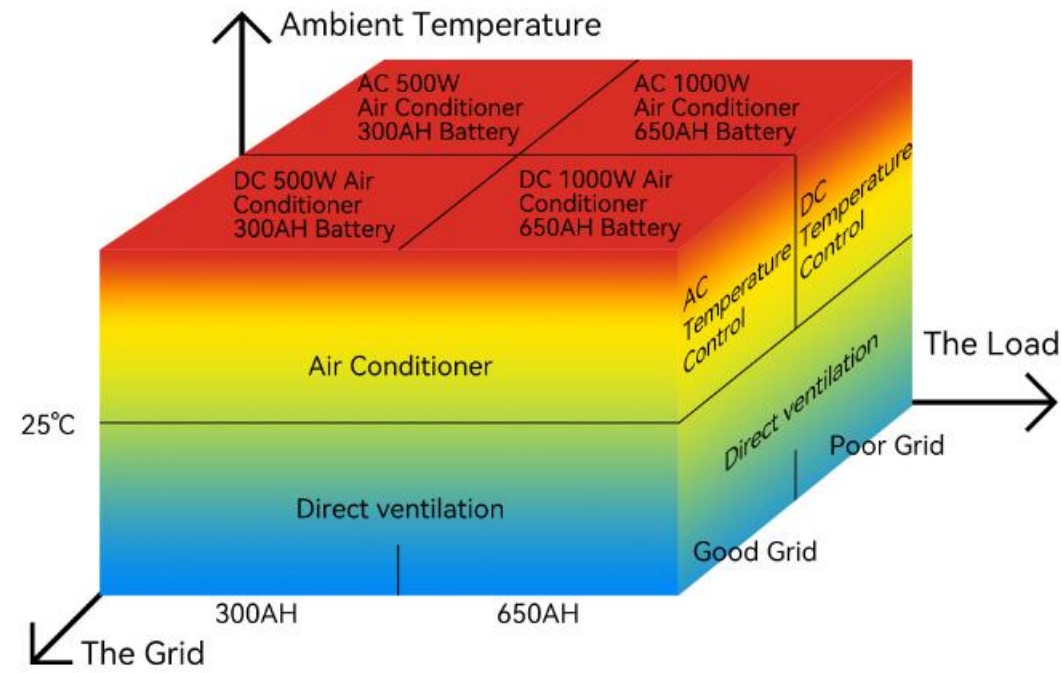
One unit (Outdoor Macro Site)



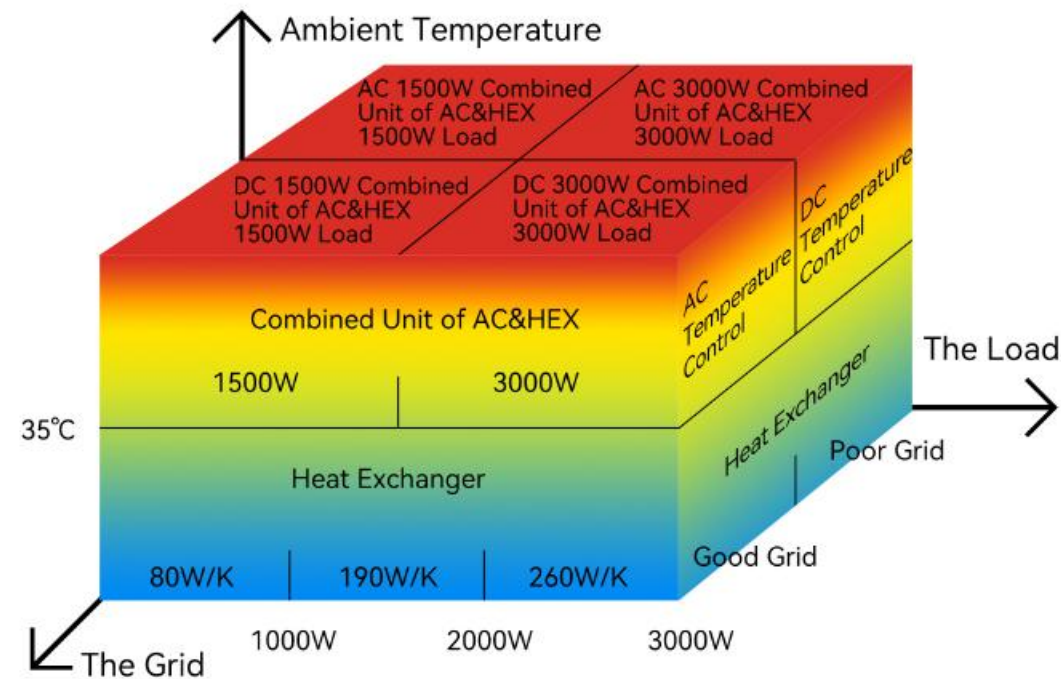
One unit (RRU)

# Panorama of Temperature Control

Subdivided temperature control based on ambient temperature, the grid, and the load



Temperature Control in Battery Compartment



Temperature Control in Equipment Compartment

	Temperature control scheme	Power	Refrigeration capacity	Heat dissipation capacity	COP	Environment temperature	Cabinet temperature	MTBF(h)
Active temperature control	TEC (IP55)	300W	200W	/	0.7	<40°C	<30°C	2,500,000
	PC500 (IP55)	200W	500W	/	2.5	<55°C	<30°C	1,300,000
	PC500D (IP55)	250W	500W	/	2	<55°C	<30°C	1,300,000
Passive temperature control	IP34 direct ventilation (RRU Cabin)	50W	2500W	250W/K	50	<40°C	Ta+3°C	2,920,000
	IP55 direct ventilation (Equipment compartment)	50W	1500W	150W/K	30	<40°C	Ta+3°C	2,920,000
	HX08 (IP55)	50W	1000W	80W/K	7	<40°C	Ta+10°C	2,920,000
	HX20 (IP55)	130W	2000W	200W/K	12	<40°C	Ta+10°C	2,920,000
	HX26 (IP55)	260W	3000W	260W/K	12	<40°C	Ta+10°C	2,190,000
Intelligent temperature control	AH1500 (IP55)	620W	1500W	75W/K	2 ~ 15	<55°C	<40°C	1,300,000
	AH3000 (IP55)	850W	3000W	120W/K	2 ~ 15	<55°C	<40°C	1,300,000
	AH1500D (IP55)	560W	1500W	80W/K	2 ~ 15	<55°C	<40°C	1,300,000
	AH3000D (IP55)	1050W	3000W	120W/K	2 ~ 15	<55°C	<40°C	1,300,000



Heat Exchanger

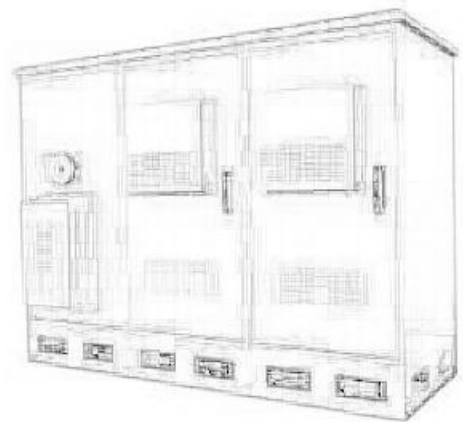
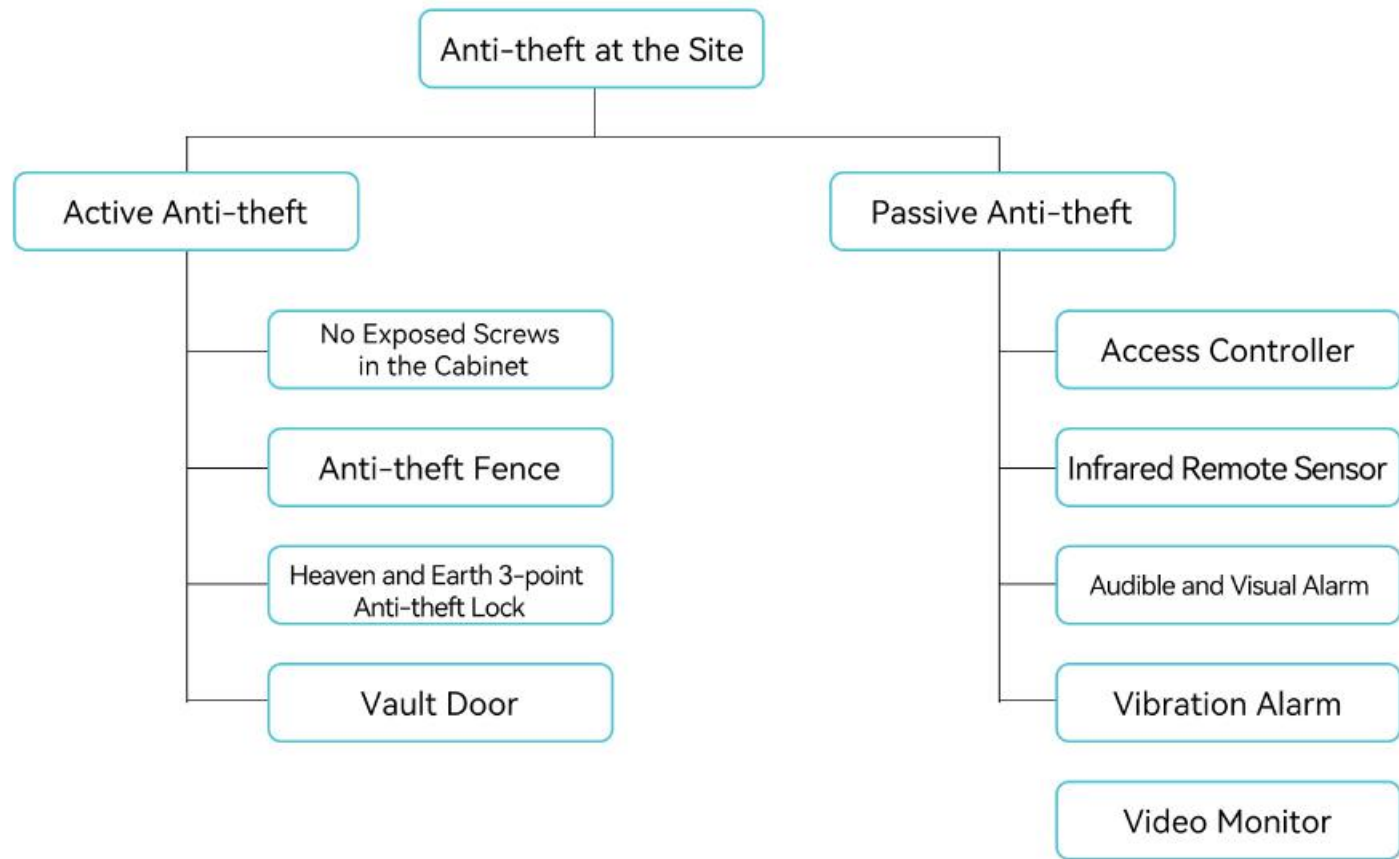


Air Conditioner



TEC Air Conditioner

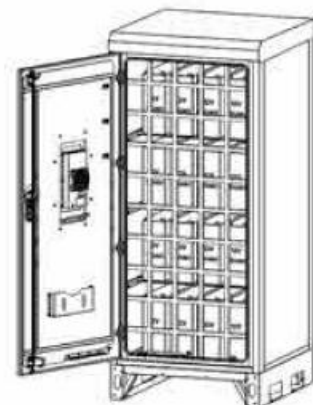
# Anti-theft at the Site



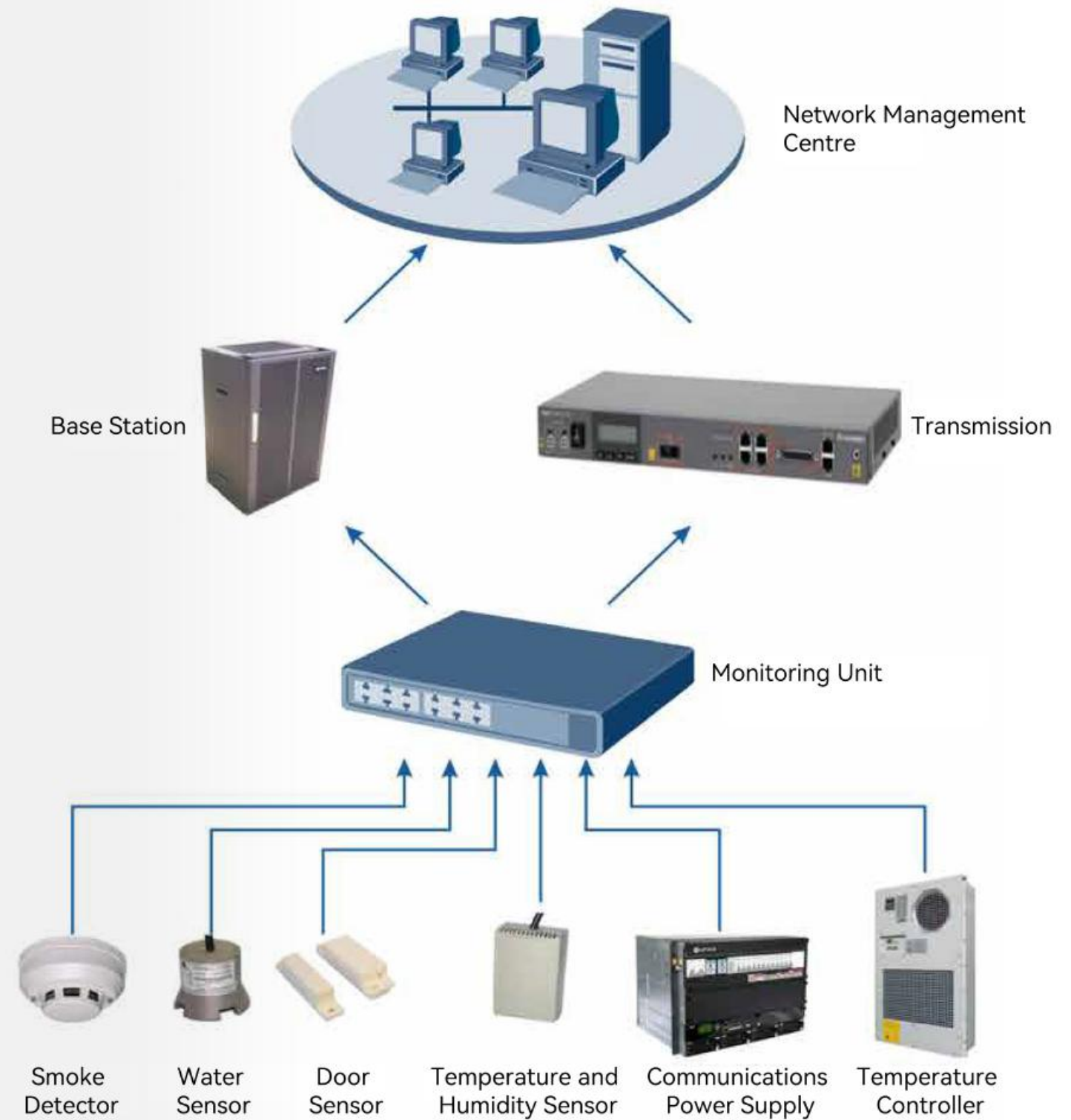
Vault Door



External Anti-theft Fence



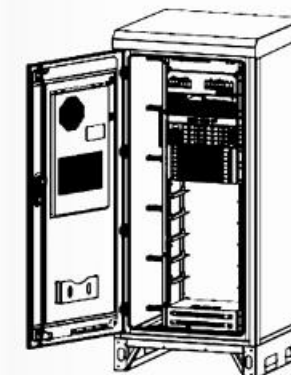
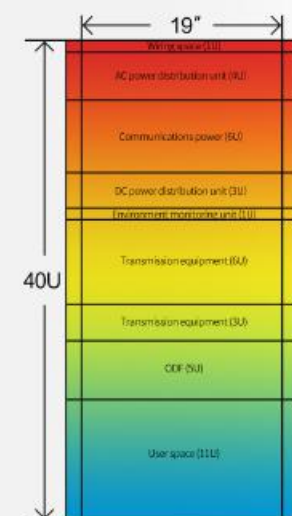
Built-in Anti-theft Fence



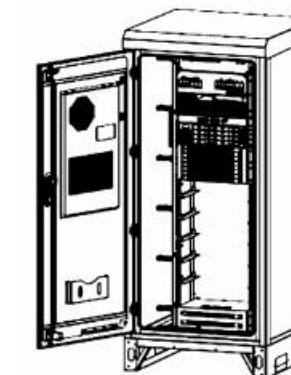
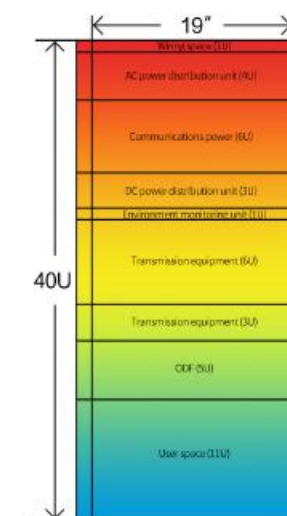
# 1.8M Outdoor Equipment Cabinet

## Product Parameters

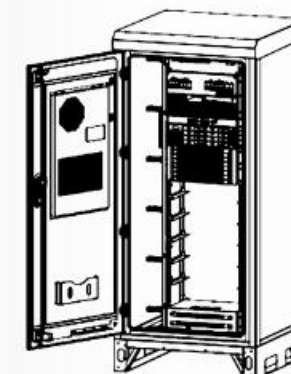
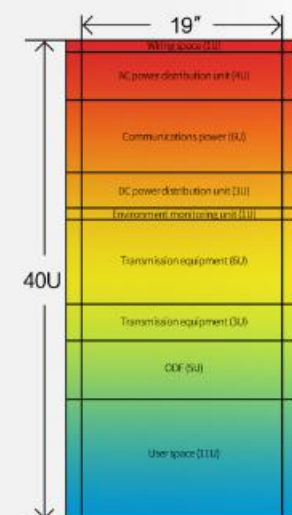
Model	ODC - E18AC15A01	ODC - E18HX08A01	ODC - E18HX12A01	ODC - E18HX19A01
<b>Basic Information</b>				
Inner dimensions of the cabinet	800mm (W) * 800mm (D) * 1800mm (H)			
Outer dimensions of the cabinet	905mm (W) * 1080mm (D) * 2105mm (H)			
Floor area	905mm (L) * 905mm (W)			
Base height	200mm			
Weight	120kg (Without equipment and battery)	108kg (Without equipment and battery)		
User space	40U			
Frame material	Galvanized steel			
Wall plate material	Color steel sandwich panel (standard), SPCC cold rolled steel / galvanized steel / stainless steel / aluminium (optional)			
Wall plate thickness	45mm			
Door lock	Heaven and earth 3-point anti-theft lock with replaceable Euro cylinder. Allows for additional padlock.			
Protection rating	IP55/IP56			
Specification of bottom cable routing hole	8 * $\phi$ 50mm			
Shipping form	Assembled shipment			
Cabinet storage temperature	-40°C ~ +70°C			
Relative humidity outside the cabinet	5% ~ 100%			
<b>Temperature Control Information</b>				
Temperature control in equipment compartment	PC1500	HX08	HX12	HX19
Power consumption	600W @L35/L35	70W	190W	190W
Refrigeration capacity	1500W @L35/L35	/	/	/
Heat exchange coefficient	/	80W/K	120W/K	190W/K
Heater power consumption (optional)	1000W	400W	1000W	1000W
<b>Other Information</b>				
Lighting (optional)	DC-48V LED lamp			
<b>Certification &amp; Standards</b>				
Certification	TLC certification			
Standards	YD/T 1537-2015			



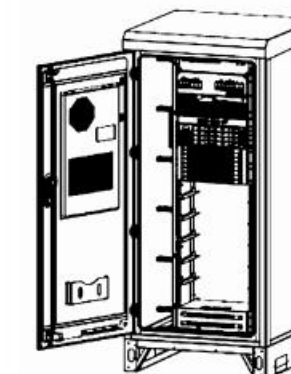
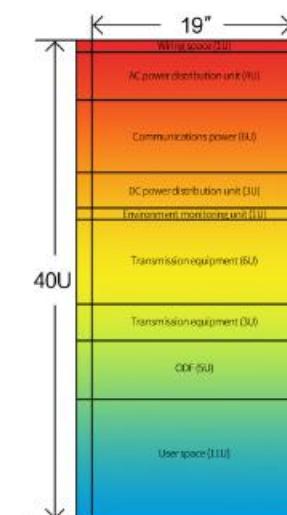
ODC -E18AC15A01



ODC -E18HX08A01



ODC -E18HX12A01



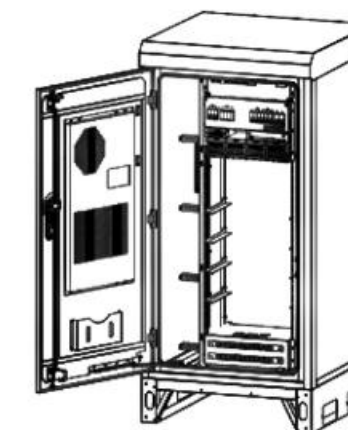
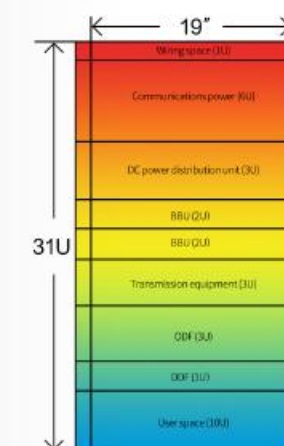
ODC -E18HX19A01

# 1.4M Outdoor Equipment Cabinet

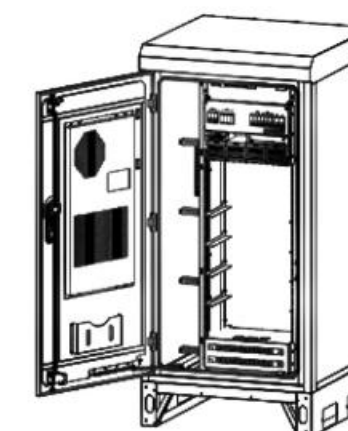
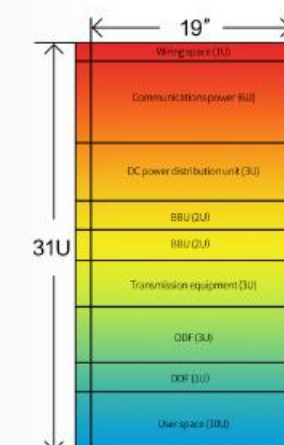


## Product Parameters

Model	ODC-E14AC15A01	ODC-E14HX08A01
<b>Basic Information</b>		
Inner dimensions of the cabinet	800mm (W) * 800mm (D) * 1400mm (H)	
Outer dimensions of the cabinet	905mm (W) * 1080mm (D) * 1705mm (H)	
Floor area	905mm (L) * 905mm (W)	
Base height	200mm	
Weight	95kg (Without the equipment and battery)	85kg (Without the equipment and battery)
User space	31U	
Frame material	Galvanized steel	
Wall plate material	Color steel sandwich panel (standard), SPCC cold rolled steel / galvanized steel / stainless steel / aluminium (optional)	
Wall plate thickness	45mm	
Door lock	Heaven and earth 3-point anti-theft lock with replaceable Euro cylinder. Allows for additional padlock.	
Protection rating	IP55/IP56	
Specification of bottom cable routing hole	8 * φ50mm	
Shipping form	Assembled shipment	
Cabinet storage temperature	-40°C ~ +70°C	
Relative humidity outside the cabinet	5% ~ 100%	
<b>Temperature Control Information</b>		
Temperature control in equipment compartment	PC1500	HX08
Power consumption	600W @L35/L35	70W
Refrigeration capacity	1500W @L35/L35	/
Heat exchange coefficient	/	80W/K
Heater power consumption (optional)	1000W	400W
<b>Other Information</b>		
Lighting (optional)	DC-48V LED lamp	
<b>Certification &amp; Standards</b>		
Certification	TLC certification	
Standards	YD/T 1537-2015	



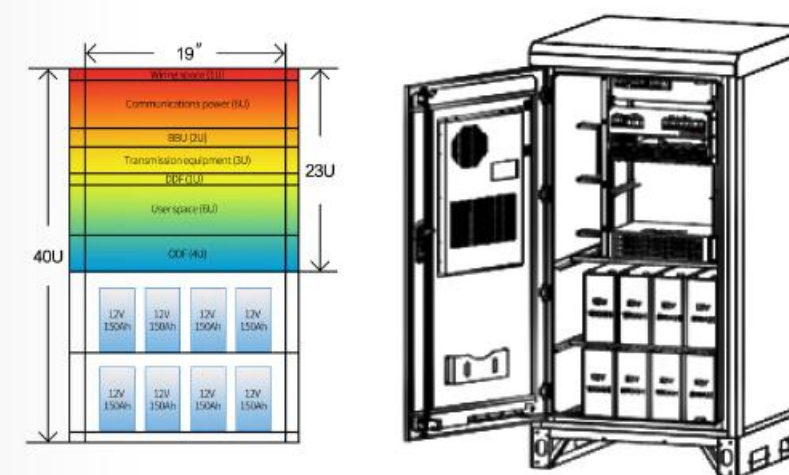
ODC-E14AC15A01



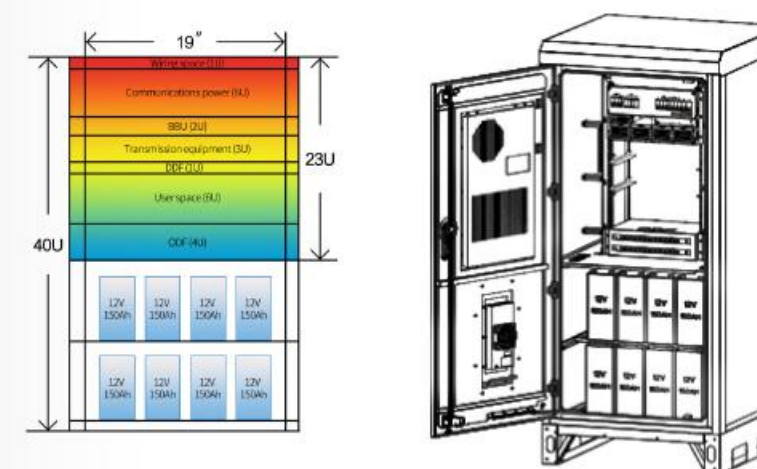
ODC-E14HX08A01

# 1.8M Outdoor Power Supply Cabinet

Model	ODC-P18AC15A01	ODC-P18MX01A01
<b>Basic Information</b>		
Inner dimensions of the cabinet	800mm(W)*800mm(D)*1800mm(H)	
Outer dimensions of the cabinet	905mm(W)*1080mm(D)*2105mm(H)	
Floor area	905mm(L)*905mm(W)	
Base height	200mm	
Weight	125kg (Without equipment and battery)	130kg (Without equipment and battery)
User space	40U	
Frame material	Galvanized steel	
Wall plate material	Color steel sandwich panel (standard), SPCC cold rolled steel / galvanized steel / stainless steel / aluminium (optional)	
Wall plate thickness	45mm	
Door lock	Heaven and earth 3-point anti-theft lock with replaceable Euro cylinder. Allows for additional padlock.	
Protection rating	IP55/IP56	
Specification of bottom cable routing hole	8 * $\phi$ 50mm	
Shipping form	Assembled shipment	
Cabinet storage temperature	-40°C ~ +70°C	
Relative humidity outside the cabinet	5% ~ 100%	
<b>Temperature Control Information</b>		
Temperature control in equipment compartment	PC1500	HX08
Power consumption	600W	70W
Refrigeration capacity	1500W @L35/L35	/
Heat exchange coefficient	/	80W/K
Heater power consumption (optional)	1000W	400W
Temperature control in battery compartment	PC300	TC02
Power consumption	230W @L35/L35	Typical: 300W; maximum: 380W
Refrigeration capacity	400W @L35/L35	200W
Heater power consumption (optional)	400W	400W
<b>Battery Information (optional)</b>		
Battery specification	150Ah 12V AGM battery	
Battery capacity	300Ah	
Battery group number	2 groups	
<b>Other Information</b>		
Lighting (optional)	DC-48V LED lamp	
<b>Certification &amp; Standards</b>		
Certification	TLC certification	
Standards	YD/T 1537-2015	



ODC-P18AC15A01

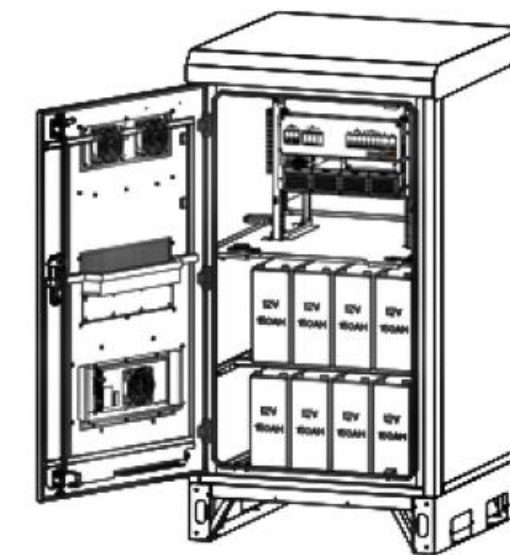
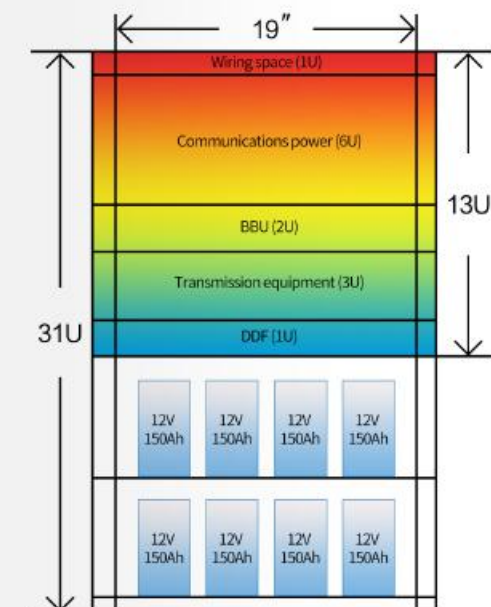


ODC-P18MX01A01

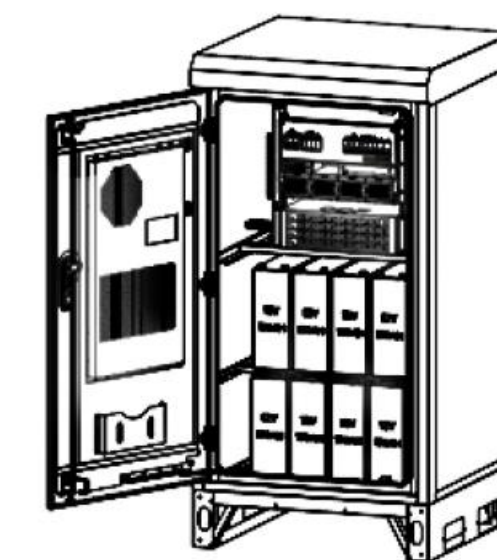
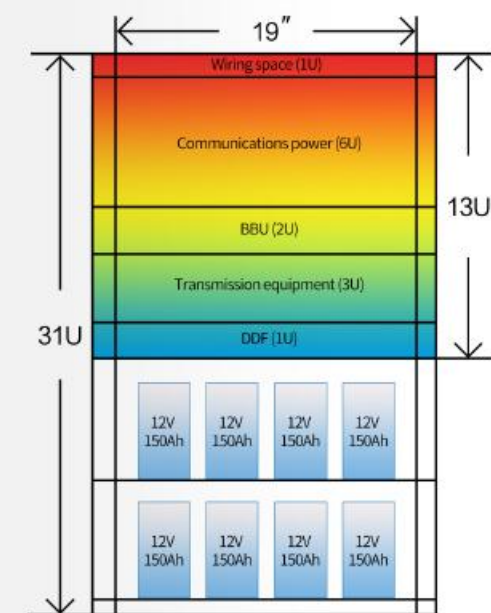


# 1.4M Outdoor Power Supply Cabinet

Model	ODC-P14MX12A01	ODC-P14AC15A01
<b>Basic Information</b>		
Inner dimensions of the cabinet	800mm (W) * 800mm (D) * 1400mm (H)	
Outer dimensions of the cabinet	905mm (W) * 1080mm (D) * 1705mm (H)	
Floor area	905mm (L) * 905mm (W)	
Base height	200mm	
Weight	105kg (Without the equipment and battery)	95kg (Without the equipment and battery)
User space	31U	
Frame material	Galvanized steel	
Wall plate material	Color steel sandwich panel (standard), SPCC cold rolled steel / galvanized steel / stainless steel / aluminium (optional)	
Wall plate thickness	45mm	
Door lock	Heaven and earth 3-point anti-theft lock with replaceable Euro cylinder. Allows for additional padlock.	
Protection rating	IP55/IP56	
Specification of bottom cable routing hole	8 * φ50mm	
Shipping form	Assembled shipment	
Cabinet storage temperature	-40°C ~ +70°C	
Relative humidity outside the cabinet	5% ~ 100%	
<b>Temperature Control Information</b>		
Temperature control in equipment compartment	HX08	PC1500
Power consumption	70W	600W @L35/L35
Refrigeration capacity	/	1500W @L35/L35
Heat exchange coefficient	80W/K	/
Heater power consumption (optional)	400W	1000W
Temperature control in battery compartment	TC02	/
Power consumption	Typical: 300W; maximum: 380W	/
Refrigeration capacity	200W	/
Heater power consumption (optional)	400W	/
<b>Battery Information (optional)</b>		
Battery specification	150Ah 12V AGM battery	
Battery capacity	300Ah	
Battery group number	2 groups	
<b>Other Information</b>		
Lighting (optional)	DC-48V LED lamp	
<b>Certification &amp; Standards</b>		
Certification	TLC certification	
Standards	YD/T 1537-2015	



ODC-P14MX12A01

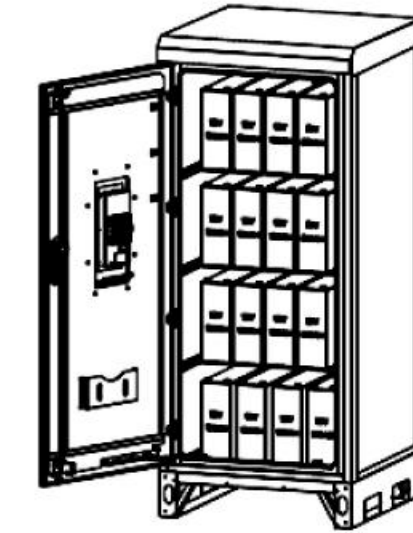
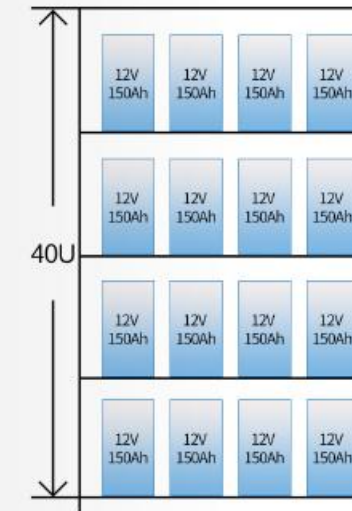


ODC-P14AC15A01

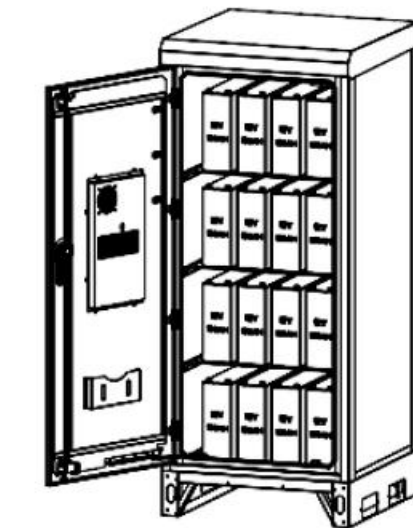
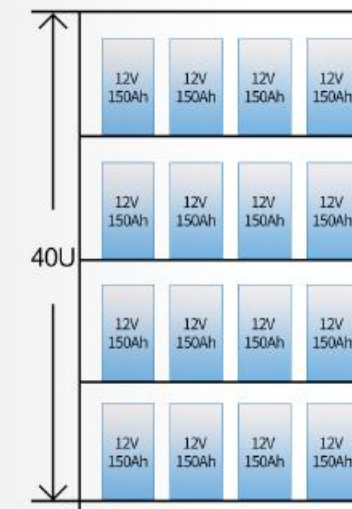
# 1.8M Outdoor Battery cabinet

## Product Parameters

Model	ODC-B18TC02A01	ODC-B18AC03A01
<b>Basic Information</b>		
Inner dimensions of the cabinet	800mm(W)*800mm(D)*1800mm(H)	
Outer dimensions of the cabinet	905mm(W)*1080mm(D)*2105mm(H)	
Floor area	905mm(L)*905mm(W)	
Base height	200mm	
Weight	108kg (Without equipment and battery)	110kg (Without equipment and battery)
User space	40U	
Frame material	Galvanized steel	
Wall plate material	Color steel sandwich panel (standard), SPCC cold rolled steel / galvanized steel / stainless steel / aluminium (optional)	
Wall plate thickness	45mm	
Door lock	Heaven and earth 3-point anti-theft lock with replaceable Euro cylinder. Allows for additional padlock.	
Protection rating	IP55/IP56	
Specification of bottom cable routing hole	8 * $\phi$ 50mm	
Shipping form	Assembled shipment	
Cabinet storage temperature	-40°C ~ +70°C	
Relative humidity outside the cabinet	5% ~ 100%	
<b>Temperature Control Information</b>		
Temperature control	TC02	PC300
Power consumption	Typical: 300W; maximum: 380W	230W @L35/L35
Refrigeration capacity	200W	400W @L35/L35
Heater power consumption (optional)	400W	400W
<b>Battery Information (optional)</b>		
Battery specification	650Ah 2V / 150Ah 12V AGM battery	
Battery capacity	650Ah/600Ah	
Battery group number	1 group / 4 groups	
<b>Other Information</b>		
Lighting (optional)	DC-48V LED lamp	
<b>Certification &amp; Standards</b>		
Certification	TLC certification	
Standards	YD/T 1537-2015	



ODC-B18TC02A01

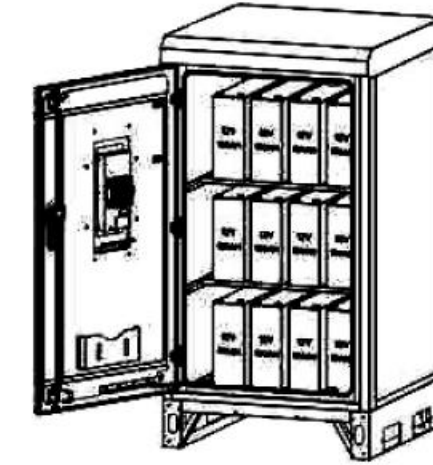
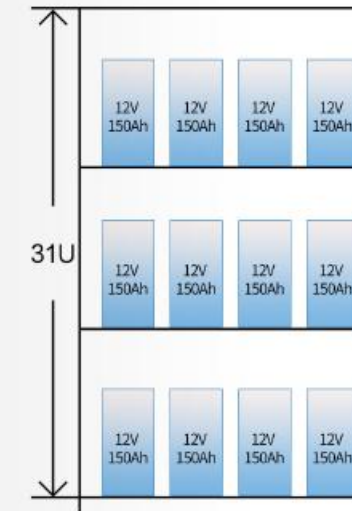


ODC-B18AC03A01

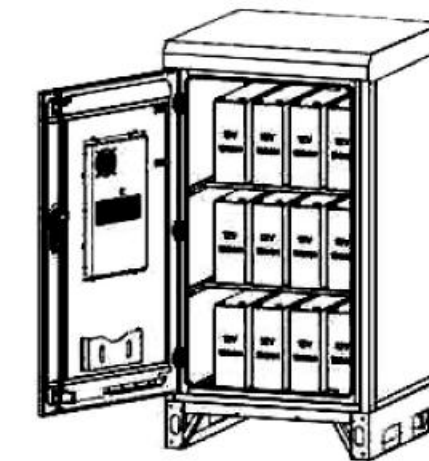
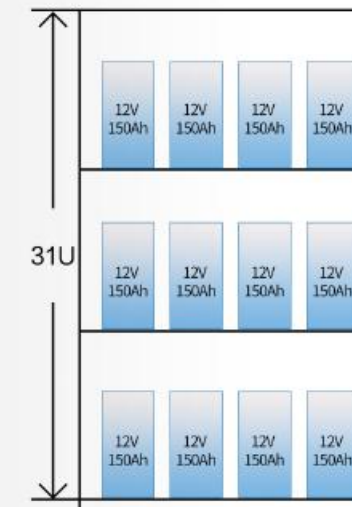
# 1.4M Outdoor Battery cabinet

## Product Parameters

Model	ODC-B14TC02A01	ODC-B14AC03A01
<b>Basic Information</b>		
Inner dimensions of the cabinet	800mm(W)*800mm(D)*1400mm(H)	
Outer dimensions of the cabinet	905mm(W)*1080mm(D)*1705mm(H)	
Floor area	905mm(L)*905mm(W)	
Base height	200mm	
Weight	85kg (Without equipment and battery)	90kg (Without equipment and battery)
User space	31U	
Frame material	Galvanized steel	
Wall plate material	Color steel sandwich panel (standard), SPCC cold rolled steel / galvanized steel / stainless steel / aluminium (optional)	
Wall plate thickness	45mm	
Door lock	Heaven and earth 3-point anti-theft lock with replaceable Euro cylinder. Allows for additional padlock.	
Protection rating	IP55/IP56	
Specification of bottom cable routing hole	8 * $\phi$ 50mm	
Shipping form	Assembled shipment	
Cabinet storage temperature	-40°C ~ +70°C	
Relative humidity outside the cabinet	5% ~ 100%	
<b>Temperature Control Information</b>		
Temperature control	TC02	PC300
Power consumption	Typical: 300W; maximum: 380W	230W @L35/L35
Refrigeration capacity	200W	400W @L35/L35
Heater power consumption (optional)	400W	400W
<b>Battery Information (optional)</b>		
Battery specification	400Ah 2V / 150Ah 12V AGM battery	
Battery capacity	400Ah/450Ah	
Battery group number	1 group / 3 groups	
<b>Other Information</b>		
Lighting (optional)	DC-48V LED lamp	
<b>Certification &amp; Standards</b>		
Certification	TLC certification	
Standards	YD/T 1537-2015	



ODC-B14TC02A01



ODC-B14AC03A01

# Bulk Supply



# Application Scenarios



Rooftop Station



Outdoor Solar Communication Base Station



Hilltop Station



Outdoor Telecom Power Supply



Ground Station



Outdoor Communication Site (Outdoor Standard Cabinet)