701IE4 with Battery Cabinet Outdoor

230VAC / 48VDC X 5 Nos



KEY FEATURES

- The installation space and cost can be saved due to its embedded installation.
- Wide Input voltage range (90-300Vac), strong ability in adopting power grid.
- Rectifier working Temp. range: -40°C to 75°C.
- Efficiency of the rectifier is 95% peak, efficiency of the system is 94%.
- Intelligent battery management system, which prolongs the working life of the battery.
- Provide multiple communication ports such port, Ethernet dry Modem Contacts, (optional) etc for flexible networking achieve remote monitoring

In addition to reducing power consumption and lowering operating cost, VERTIV compact 701IE4 with embedded battery Rack Space in Outdoor Cabinet offer superior performance and uncompromised reliability.

DESCRIPTION

VERTIV fully integrated DC Power System consisting of 3200W \ 4000W X 5 Nos, M530B Controller and Battery Rack Space that provides maximum efficiency for TELECOM application such as Base Station, Roof Top Installation. It is designed to meet the high efficiency demands of TELECOM with High reliability, High Power density, and fully digital features.

APPLICATION

- Telecom
- Data Centre
- Hosting
- Colocation
- **Power Utilities**



E-mail: marketing.india@vertivco.com

Toll free : 1-800-2096070

701IE4 with Battery Cabinet Outdoor

230VAC / 48VDC X 5 Nos



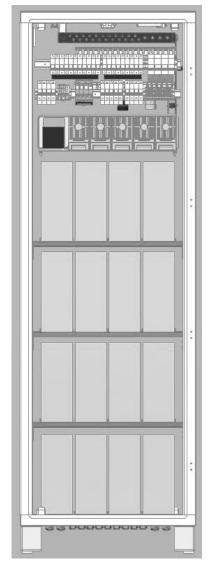
TECHNICAL SPECFICATION

SYSTEM CONFIGURATION		
System Capacity	16KW (3200 W X 5 Nos)	
Controller	M530B	
Rectifier	Max 5 X 3200W	
IP	IP55	
Sensor	Smoke, Door, Temperature	
Lightning Protection	Class C	

AC INPUT		
Nominal Voltage	230V / 240V 1P	
Voltage Range (AC)	90V – 300V	
Power Factor	>99%	
Frequency Range	45Hz – 65 Hz	

DC OUTPUT		
Nominal Output V	-53.5V	
Output Voltage	-42V to -58V	
Output Current	Max 333A DC	

DISTRIBUTION		
AC Input	63A / 4P X 1	
RM Input Protection	25A / 1P X 5	
Battery Capture	125A / 1P X 4	
DC Distribution PL	16A/1P X 4; 10A/1P X 4; 6A/1P X 3	
DC Distribution NPL	63A/1P X 5; 32A/1P X 4	





E-mail: marketing.india@vertivco.com

Toll free : 1-800-2096070

701IE4 with Battery Cabinet Outdoor

230VAC / 48VDC X 5 Nos



TECHNICAL SPECFICATION

RECTIFIER	
Configuration	Model
Efficient Module	R48-3000e2
Electrical Parameter	Description
Input Voltage	85V AC – 300V AC
Power Factor	≥ 0.99
Efficiency	95% peak
Max Input Current	22A
Nominal Out Voltage	-53.5V DC
Output Voltage	-42V DC to -58V DC



CONTROLLER	M530B	
Display	128 x 160 Pixels TFT LCD	
Communication	RS 485, RS 232, 10/100Mbps Ethernet, IPV4 & IPV6, CAN	
Protocol	HTTP, SNMP, YDN23	
Input Analog	3 battery currents, 1 bus voltage, 3 AC voltages, 3 AC currents, 9 battery symmetry, 1 DC energy meter-voltage*, 3 DC energy meter -current*	
Input Digital	20 load Fuses, 4 battery Fuses, 1 SPD alarm	
Outputs	2 Mono Contactors	
Energy Measurement	Inbuilt 4 channel DCEM	
Solar Hybrid Functionality	Compatible for 2kW & 3kW MPPT, Interfacing capability with 10 MPPTs	
Li-ion Battery Compatibility	Li-ion battery monitoring &control combo interface	

MECHANICAL PARAMETER		
DIMENSION	System (W X D X H) in mm	700 X 700 X 2250
	Battery Module (W X D X H) in mm	125 X 528 X 318
Weight	Approx. 210 Kg excluding Battery and Rectifier Modules	

E-mail: marketing.india@vertivco.com

Toll free : 1-800-2096070