



Graha Sumber Prima Elektronik
Power It



PiEK-Kiosk Substation





PiEK-Kiosk (Kiosk Substation)



Power It E-Kiosk substations have comply demanding environments. Our proven designs, materials and specifications prevent wind driven water ingress, minimise dust entry and ensure sufficient airflow for extreme ambient temperatures – all combining to deliver optimal protection for critical electrical equipment. Whether using our kiosk substations for short term emergency response or a long term fix to existing plant, customers can be certain their critical upstream and downstream electrical equipment will be protected and safe. We provide turnkey solutions incorporating LV, Transformer, and MV switchboards, with all equipment installed in our manufacturing facilities and extensively tested before deployment to site, reducing on-site disruption and costs. The modular construction of our kiosk substations ensures segregation of equipment and allows for flexibility in sizing, layout, application, inspection and maintenance.

Features:

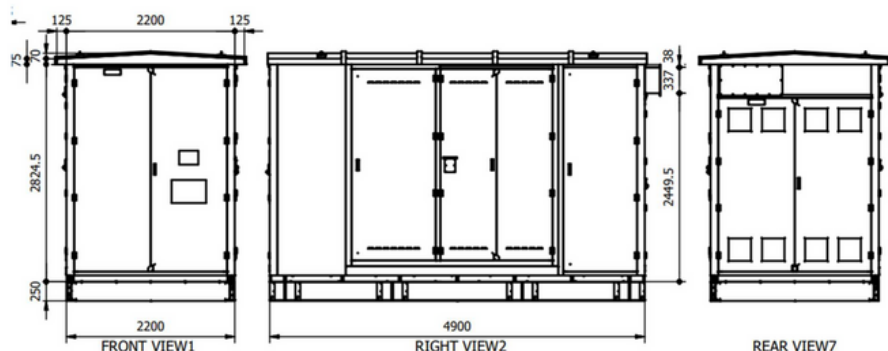
- Full integrated prefabricated substations and E-Kiosk Systems.
- Best-in Class lead times measured in weeks, not months.
- Flexible designs can be skid or trailer mounted for rapid transport.
- Exceptional weatherproofing with strong condensation and corrosion resistance.
- High voltage gas insulated switchgear up to 145 kV available.
- Substation expansions and retrofits expand capacity within existing footprint in crowded cities and congested industrial zones.
- Standard designs comply with best international building codes.
- Ingress Protection IP43 up to IP54 (Compliant to IEC 60529).
- Used naturally ventilated, option to insert additional fans for greater heat dissipation.
- Fully quality internal inspection and quality assurance before delivery.



E-Kiosk Substation

PiEK-Kiosk Series

Dimensional Drawings (All Dimensions in mm)



Specifications	Electrical Kiosk
Part Number	PIEK294930
Height (mm) W/O Plint (250)	2970
Width (mm)	4900
Depth (mm)	2200
Material	Premium grade Mild steel (Perimeter & Purlin), High grade Galvanized Sheet
Thickness	2 ~ 2.5 mm & Aluminium Border 3 mm
weight (Empty - approx)	4500 Kg
Pretreatment Process	Five stage iron-phosphate pretreatment, tested to 480 hours salt spray According to ASTM B117; ASTMD 1654
Painting of all parts	Powder coated (Ral-7032/Dark grey; Standard zones C3M, conforming ISO 12944-6
Enclosure	Double Layer (Insulation materials with Styrofoam), conforming IEC 62271-202 / IEEE C37.20.1
Seismic conditions	< 0,5 g according IEC 62271-207
IP degree of protection	Outdoor: IP54, conforming IEC 60529
IK degree of protection	IK10, conforming IEC 62262
Cable Entry	Bottom (Removable bottom panel)
Door sealing	Polyurethane Gasket Foam
Ventilation, Fire Rating	Natural Air Circulation + 4 Unit Exhaust Fan 16", 220VAC/ 50Hz; according DIN EN 13501-2



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Contact Information

Factory

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