Supply Includes:

	Micro 5599100	Mini 5599200	Midi 5599300	Maxi 5599400
RACK	IP55 TS-IT 42U 600x1,200 mm side panels, air baffles, base/plinth and blanking panels	IP55 TS-IT 42U 600x1,200 mm side panels, air baffles, base/plinth and blanking panels	IP55 TS-IT 42U 600x1,200 mm side panels, air baffles, and blanking panels	IP55 TS-IT 2 of 42U 600x1,200 mm side panels, air baffles, and blanking panels
POWER	Included single phase PDU-BASIC 16A	Included single phase PDU-BASIC 32A	3 Phase10KVA online UPS(Up to 20 KVA) Modular technology, Rack mounted type, included single phase PDU-BASIC 32A	
COOLING	1.5kW Toptherm, condensate management, door operated switches	3kW Toptherm, condensate management, door operated switches	LCP-Rack(DX) 12KW, condenser unit, SNMP card, condensatemanagement	
SERVICE	Full rack configuration, power and cooling commissioning and 2 PM visits in BKK and suburbs		Full rack configuration, power and cooling commissioning and 3 PM visits in BKK and suburbs	

Upgrade Options:

	Micro	Mini	Midi	Maxi
POWER Distribution	Upgrade to metered, switched or managed PDU 16A, Single phase	Upgrade to metered, switched or managed PDU 32A, Single phase	Upgrade to 3 phase PDU-BASIC, Metered, Switched or Managed (1 phase or 3 phase)	
UPS	3 KVA online UPS, Rack mounted, Single phase, back up time is on request	6 KVA online UPS,Rack mounted, Single phase, back up time is on request	Expand to 20 KVA with redundancy, back up time is on request	
FIRE DETECTION & SUPPRESSION	Early fire detection system with Novec1230 fire suppression			
MONITORING	Additional temperature, humidity and vandalism sensors			
RACK ACCESS	Electronic locking with keypad and network			
RESILIENCE	Automatic door opening kit for 1 rack			Automatic door opening kit for 2 racks

Rittal – The System.

Faster – better – everywhere.

▶ ## Rittal IT Smart Package
A perfect data center solution

ENCLOSURES ▶ POWER DISTRIBUTION ▶ CLIMATE CONTROL ▶ IT INFRASTRUCTURE ▶ SOFTWARE & SERVICES ▶

RITTAL

FRIEDHELM LOH GROUP

Rittal IT Smart Package

A Data Centre facility is used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes redundant or backup power supplies, redundant data communications connections, environmental controls (e.g. air conditioning, fire suppression) and security devices.

Rittal IT Smart Package replicates all of the key data centre capabilities identified above but on a smaller scale.

The Smart Package mitigates risk and provides compelling CAPEX and OPEX benefits:

- Standardised infrastructure supports simple operation and support for IT staff
- TS-IT rack platform ensures speed of deployment for active and passive equipment
- Demand-oriented climate control ensures efficiency and low PUE
- Compact nature facilitates easy deployment and redeployment
- Fire detection and suppression system can protect the critical infrastructure
- System monitoring enables instant messages to be sent to forewarn of upcoming issues
- Intelligent power rails enable remote power cycling in the event of hardware issues
- Back up power supply provides resilience in the event of poorly conditioned power/total failure
- The Smart package enables equipment to be deployed in non-DC environments
- A complete solution ensures peace of mind from point of purchase, through installation and on-going maintenance

Areas Of Application:

- On-premise cloud infrastructure
- Remote / Branch Office Environments
- Retail
- Finance
- Warehouse / Logistics Hubs
- Oil / Gas / Mining
- State and Federal Government

- IAAS (Infrastructure as a service) component
- Small and medium enterprises
- Network closets
- Enterprise
- Office communication rooms
- Manufacturing
- Process automation in harsh environments

Technology Features:

RACK

- IP 55 rack with glazed front door and steel rear door
- Load capacity up to 1500 kgs supports the heaviest hardware
- Guaranteed compatibility with any EIA-310-D compliant IT equipment
- Simple assembly with tool-free technology

POWER

- Online UPS (Double Conversion) for capacity 3,6,10,20 KVA
  - Modular and scalable functionality normally associated with 3 phase solutions
  - Effective response to any power event or change in the power infrastructure

- Bypass Switch
  - Allows maintenance on the UPS without disruption to your IT equipment

- Power Distribution Unit
  - 1 PDU supplied as default
  - Basic: Single Phase, 24 x C13 & 4 x C19, 16 or 32 Amp (model dependant)
  - Metered, Managed and Switched: Single Phase or 3 phase, 24 x C13 & 8 x C19, 16 or 32 Amp (model dependant)
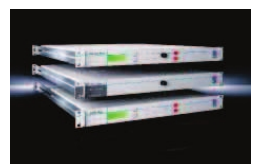
COOLING

- Top Therm - Roof mounted cooling unit
  - Cooling output up to 3KW
  - Refrigerant R134a
  - Integral electric condensate evaporation

- LCP DX - Side mounted cooling unit
  - InRack solution with cooling output up to12 KW cooling capacity
  - Refrigerant R410a
  - Includes outside condenser
  - Maximised energy efficiency thanks to EC fan technology

MONITORING & ACCESS CONTROL

- CMC III system
  - Monitor internal and external threats
- Temperature and humidy sensors
- Vandalism
  - Manage access to the rack
- Electronic locking with keypad and network access
- Simple integration with Rittal DCIM platform RiZone or third party managment software via SNMP and OPC-UA proto

FIRE DETECTION & SUPPRESSION

- Early fire detection
- Automatic extinguishing with the innovative extinguisher gas NOVEC 1230
- Fire detection at a very early stage (pyrolysis phase)
- Compact system with only 1 RU rack footprint
- Automatic door opening kit for front and rear doors

Make IT easy.