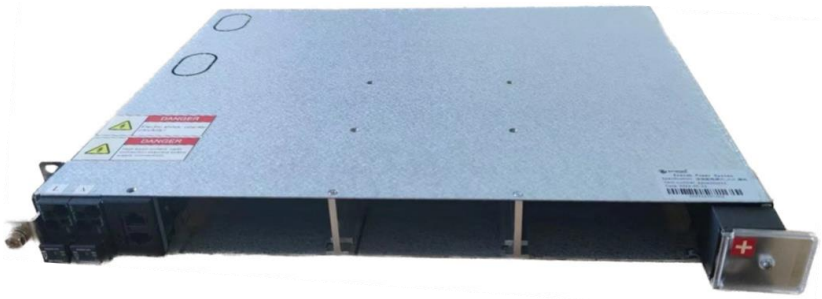


ETI+ 1U Power Shelf

Efficient : Trusted : Inspire

PRODUCT DESCRIPTION

The ETI+ 1U power shelf is designed to accommodate up to 3 x ETI+30220 inverter modules.

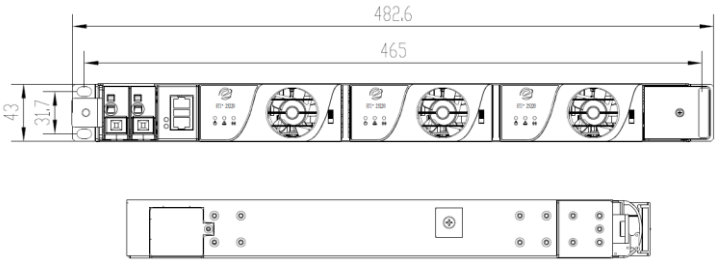
The power shelf is 19” wide and incorporates advanced digital control technology to facilitate the parallel operation of the inverter modules to support efficient current output sharing as well as stabilized output voltage. The maximum capacity of the shelf is currently rated at 9kVA/7.2kW.

KEY FEATURES

- **Fully Digital Controlled**
  Reduces component count and improves reliability
- **Modular, Scalable and Hot Swappable**
  Flexible installations
- **High Power Density**
  Reduces footprint
- **Highly Efficient @ > 94%**
  Reduces losses and lowers operating costs
- **Facilitates front-to-back Airflow**
  Unobstructed scalability of shelves
- **Excellent EMC Performance**
  Lower interference and excellent susceptibility
- **Wide Temperature Range**
  Applications in harsh climatic conditions
- **Compliant with Global Standards**
  Delivers quality, performance and reliability in power solutions

APPLICATIONS

- Telecom AC Load Requirement
- Backup Applications



TECHNICAL SPECIFICATIONS

PART NUMBER	PR-100019
Capacity (VA/W)	9000VA / 7200W
DC INPUT	
Input Voltage	53.5Vdc
input Voltage Range	43Vdc - 58Vdc
Nominal Input Current	144A (Max. @ 225A)
AC OUTPUT	
Ouput Voltage	220Vac / 230Vac (default = 230Vac)
Nominal Output Power (VA/W)	7500VA / 6000W @ < 50Vdc
Max Output Power (VA/W)	9000VA / 7200W @ Input ≥ 50Vdc
Power factor	0.8
Frequency	50/60Hz (±0.5Hz)
Efficiency	> 94%
Total Harmonic Distortion (Resistive load)	≤3%
Total Number(s) Connected in Parallel	3
ENVIRONMENTAL	
Operating Temperature	-40°C to +75°C
Storage Temperature	-40°C to +85°C
Humidity	≤ 90% (non-condensing)
Cooling	Fan-cooled
Altitude	< 2000m
Noise	≤ 55dBA (per inverter module)
PROTECTIONS	
Protections	Input Overvoltage Protection, Input Undervoltage Protection, Output Short Circuit Protection
GENERAL	
Dimensions (WxDxH)	482.6 x 394 x 43.0 mm
Weight (Kg)	≤ 1.0
DESIGN STANDARDS	
Safety	EN/IEC 62368-1
EMC	EN55032, EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4