ETI+ 25220

Efficient : Trusted : Inspire

PRODUCT DESCRIPTION

The digitally controlled ETI+ 25220 inverter module is designed and optimized for demanding power needs across different applications and industries.

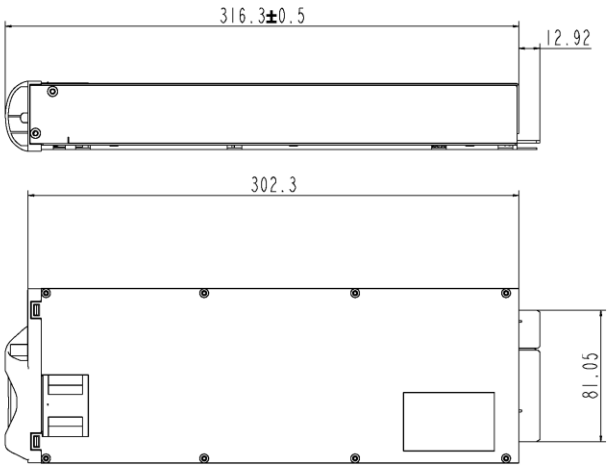
The modularity design, coupled with its cost effectiveness package, power density and reliability, ensures the overall availability of the system solution.

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
- **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	371040.100
Capacity (VA/W)	2500VA / 2000W
DC INPUT	
Input Voltage	53.5Vdc
input Voltage Range	43Vdc -58Vdc (See the input voltage vs output power waveform)
Nominal Input Current	48A (Max @ 75A)
AC OUTPUT	
Ouput Voltage	220Vac / 230Vac (default = 230Vac)
Nominal Output Power (VA/W)	2500VA / 2000W @ Input < 50Vdc
Max Output Power (VA/W)	3000VA / 2400W @ 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
PROTECTIONS	
Protections	Input Overvoltage Protection, Input Undervoltage Protection, Output Short Circuit Protection, Over Temperature Protection, Fan Control
GENERAL	
Dimensions (WxDxH)	107.4 x 316.3 x 43.0 mm
Weight (Kg)	≤ 2.5
DESIGN STANDARDS	
Safety	EN/IEC 62368-1
EMC	EN61000-6-1/2/3/4, EN55035,EN300386, EN55032