

API 1250B

Single Phase Inverter



Delta's technology leading telecom inverter API 1250B provides the industrial leading efficiency of 93.5%. The single phase, hot pluggable fan cooled inverter provides the 15.73W/in³ outstanding power density. Integrated with the high efficiency inverter API 1250B, Delta power solution provides an energy saving solution for network base stations, wireless applications, fixed line applications and data communications.



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EACAO-02-ZL

INPUT

Voltage (nominal)	54V _{DC}
Voltage (range)	42 - 58V _{DC}
Current (normal)	25A
Current (maximum)	32A
Protection	Internal fuse (40A)

OUTPUT

Voltage (default)	230V _{AC}
Voltage (adjustable range)	208 / 220 / 230 / 240V _{AC}
Frequency	50Hz / 60Hz
Output Current	5.7A @ default voltage
Maximum Power @ nominal Input	1250W / 1250VA
Power Density	15.73W/in ³
Peak Efficiency	> 93.5%
Crest Factor	< 2.4
THD	Linear Load < 3%; Non-linear Load < 6%
Overload Capacity	<110% ± 5% (linear load only)
Protection	Short Circuit; High Temperature; Over Voltage

USER INTERFACE

Alarm and Signaling	CANbus to System Controller		
Indications	OK	Green/Red	Normal Operation/ Failure alarm
	COM	Green	Communication Status
	NL	Yellow	Load Status

MECHANICAL

Dimensions (W x H x D)	125.5 x 41.0 x 272.9mm (4.94 x 1.61 x 10.74in)
Weight	1.6kg (3.52lb)

ENVIRONMENTAL

Operating Temperature	-15 to +70 °C (+5 to +158 °F)
Storage Temperature	-40 to +80 °C (-40 to +176 °F)
Altitude	0 to +4000m
Related Humidity	0 – 95 % RH non-condensing
Acoustic Noise	≤ 55dBA

STANDARDS

Safety	Complies with UL1778; CAN / CSA-C22.2; EN / IEC 62040-1
EMC	EN 300 386; EN 55032; EN 55024; CISPR 32
Environment	RoHS
MTBF	300k hours @ 25 °C (+77 °F)

* All specifications are subject to change without prior notice.