



## Specifications

### Chassis (ACHA)

<b>Module slots</b>	17 slots for AIMA3000 plug-and-play modules. Slot 0 is used for the System Management Module (ASMM). Slots 1~16 are used for any of the Application Modules.
<b>Alarms *</b>	Requires an ASMM module in slot 0. Alarms are available via SNMP traps to multiple destinations, via a voltage-free NO/NC alarm contact, via SNMP polling, or via HTTP polling.
<b>Monitoring and control</b>	Requires an ASMM module in slot 0. The chassis can also be controlled through a web browser connected to one of the Ethernet ports or by a mobile device supporting USB host mode through the USB port on the AIMA3000's ASMM module. All module settings are retained in non-volatile memory to ensure trouble-free operation.

\* Up to 5 SNMPv2c trap addresses per ASMM.

### General

<b>Operating temperature</b>	-5 oC to +55 oC						
<b>Operating humidity</b>	Max. 90% RH (non-condensing)						
<b>Storage temperature</b>	-25 oC to +70 oC						
<b>Storage humidity</b>	Max. 90% RH (non-condensing)						
<b>Cooling</b>	Cooling fans in the power supply units and the 8 fan modules mounted in the chassis. Multiple AIMA3000 chassis can be mounted on top of each other without needing ventilation space.						
<b>Dimensions</b>	<table border="1"> <tr> <td>Overall width</td> <td>482.6 mm (including flanges)</td> </tr> <tr> <td>Overall depth</td> <td>500.5 mm (including handles)</td> </tr> <tr> <td>Overall height</td> <td>175.0 mm</td> </tr> </table>	Overall width	482.6 mm (including flanges)	Overall depth	500.5 mm (including handles)	Overall height	175.0 mm
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<b>Packaging dimensions (W x D x H)</b>	600 x 600 x 400 mm						
<b>Net weight</b>	Empty chassis: 15 kg Fully loaded: 40.5 kg						
<b>shipping weight</b>	28.8 kg						

### Power (APSA & APSD)

<b>Power supply modules</b>	The chassis supports up to two hot-swappable power supply modules in the AIMA3000 chassis. Any one power supply can handle a fully-loaded chassis.  Two power supplies provide load sharing when more than 12 V / 10 A (120 W) is being consumed by modules, and redundancy in the event of a single power supply failure.  Both universal mains (APSA) and battery (APSD) models are available. It is possible to use one mains module and one battery module in the same chassis.				
<b>Power input</b>	<table border="1"> <tr> <td>Universal mains (APSA)</td> <td>85~264 Vac, 50/60Hz, 460W</td> </tr> <tr> <td>Battery (APSD)</td> <td>-48Vdc (-75 ~ -36 Vdc), 460 W or 580 W</td> </tr> </table>	Universal mains (APSA)	85~264 Vac, 50/60Hz, 460W	Battery (APSD)	-48Vdc (-75 ~ -36 Vdc), 460 W or 580 W
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<b>Efficiency</b>	> 85 %				
<b>Cooling</b>	Integrated variable-speed cooling fan with on-board microcontroller.				
<b>Protection</b>	Field-replaceable fuse (AC only). Overload (AC only), over-voltage (AC only), and temperature sensors. Load-share functions for +12Vdc power rail.				
<b>Interface</b>	LED status indicators				
<b>Internal power rails *</b>	12Vdc, 33A 5Vdc, 6A -5Vdc, 6A				

\* Measured with 460 W APSA.

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