

Technical Specifications

	iQD2402	iQD2405	iQD2407	iQD2410
POWER REQUIREMENT				
Operating voltage	220 - 240 V AC : 50 / 60 Hz / 24 - 30V DC back up supply			
Power rating (W rms 100V out)	250W	500W	750W	1000W
Power consumption - full load (240V AC)	450 VA (1.9A)	850 VA (3.5A)	1150 VA (4.8A)	1550 VA (6.5A)
Current consumption - full load at 24V DC	15A	25A	40A	50A
Current consumption - standby at 24V DC	1.2A (Standby function off)			
INPUTS AUDIO				
IP audio Input signal activity	Auto detect / always ON setting via web			
Frequency response	50 - 18 kHz (+/- 3dB @ 1 kHz, 0 dBU)			
Tone controls	Bass, treble			
THD + N at rated power	< 1%			
S/N ratio	> 65 dB			
OUTPUTS				
Output zone (100V)	4 zones with AB fused terminals			
Audio output	Master line output balanced (0 dBU)			
Audio out gain controls	Output 100V			
Output audio monitor	Front speaker with volume controls			
Aux DC output	24V DC 3A max			
CONTROLS / COMMUNICATIONS				
Communication controls	TCP/IP, UDP, HTTP, ADP, UART (RS485 : 19.2 kbps)			
Audio streaming	MP3 at 256 kbps max for BGM ; G722 PCM for paging			
User Interface	Web browser, Google Chrome V90+ preferred			
Emergency relay contact	3A ; NO relay			
Fault detection	Amp fault, line fault (upcoming) with switchable buzzer			
Amp fault changeover	Built in changeover relay			
Indicators	Signal, temp, amp fault, power, link status, zone selection, pilot tone, hold reset			
Protection	Thermal (70°C), over current, short circuit, AC fuse			
Cooling system	Force fan with temperature controls			
Operating temperature	- 10 to 45° C			
Cut off temperature	75° C at heatsink			
Relative humidity	< 95 %			
PHYSICAL				
Dimensions (W x H x D)	482 x 88 x 420 mm			
Weight (Kg)	9.1 kg			
PACKING INFORMATION				
Carton (L x W x H)	555 x 545 x 190 mm			
Gross weight	11.1 kg			
Unit per carton	1 unit			

Note:

The above specifications are correct at time of printing, but subject to changes without prior notice due to product improvements.