



Poly VVX x50 Power Management

Engineering Advisory | EA154237

3725-47157-001A

The various power ratings associated with the Poly VVX x50 phone product family are reviewed in detail in the Engineering Advisory.

This engineering advisory applies to the following Poly phones:

- VVX 150, 250, 350, 450 and Expansion Module EM50

Device Power Ratings:

Specification	VVX 150	VVX 250	VVX 350	VVX 450	EM 50
Energy Star(R) Compliant	Yes	Yes	Yes	Yes	
PoE Class	2	2	0	0	
Power Dissipation Idle (W)	1.8	2.2	2.5	2.6	2.7
Power Dissipation Call State (W)	2.3	3.2	3.6	3.7	N/A
Power Dissipation Max (W)	3.6	4.2	4.4	4.8	3.0
USB Power	N/A	2.5W, 0.5A	2.5W, 0.5A (Side/Back)	2.5W 0.5A (Side/Back)	

Power Supply Units

Only the following PSUs will operate correctly with the x50 phones:

Region	SKU	Rating
North America/Japan	2200-48872-001	5V, 3A
Brazil, Korea, China	2200-48871-015	5V, 3A
Europe, UK, Australia/New Zealand	2200-48871-125	5V, 3A
India	2200-48872-036	5V, 3A

General Power Considerations

1. High power consuming USB devices such “cup warmers” are NOT supported as they will draw maximum power from the rear USB port. Devices like these will trip the Class 0 power circuit.
2. LED Diagnostic Mode operation should be avoided when the phone has an active call.
3. Optional PSUs rated at 15W are available (see above) for additional power requirements.