

# ACE-643A

## 40W AC Input AT Power Supply



### Feature

1. With ITE safety
2. Only 1.1 inch height
3. With power good LED
4. With output adjustable trimmer
5. High Efficiency 80%
6. Operation from -20°C to 70°C by convection
7. The terminal block with cover is optional

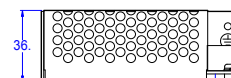
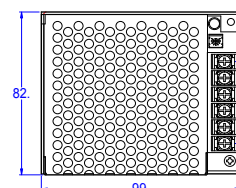
### Safety



### Specification

|                       |                            |                                                |           |                |
|-----------------------|----------------------------|------------------------------------------------|-----------|----------------|
| Input                 | Voltage :                  | 85 ~ 264VAC Full Range                         |           |                |
|                       | Frequency :                | 47 ~ 63Hz                                      |           |                |
|                       | Inrush Current :           | 30A Max for 115VAC<br>60A Max for 230VAC       |           |                |
| Output                | Voltage                    | Min. load                                      | Max. load | Ripple & Noise |
|                       | +5V                        | 0A                                             | 4A        | 50mV           |
|                       | +12V                       | 0A                                             | 1.5A      | 120mV          |
| General Specification | Over-voltage protection :  | latch off                                      |           |                |
|                       | Short Circuit protection : | auto recovery                                  |           |                |
|                       | Watt                       | 40W                                            |           |                |
|                       | PFC                        | -                                              |           |                |
|                       | Hold-up time               | 16 ms Min.                                     |           |                |
|                       | Efficiency                 | 80% Min.                                       |           |                |
|                       | MTBF                       | 100,000 hours                                  |           |                |
|                       | Temperature                | Operation: -20 ~ 70°C<br>Storage : -40 ~ 85°C  |           |                |
|                       | Dimension                  | 82 X 99 X 36 (mm)<br>3.22 X 3.89 X 1.41 (inch) |           |                |
|                       | Outline Connector          | Optional<br>CB-643EB-RS<br>CB-643BP-RS         |           |                |

### Dimension



CB-643BP-RS



CB-643EB-RS

### Ordering Information

| Part No.    | Description                        |
|-------------|------------------------------------|
| ACE-643A-RS | 40W AC Input AT Power Supply, RoHS |

### Optional

| Part No.    | Description                                                                                |
|-------------|--------------------------------------------------------------------------------------------|
| CB-643EB-RS | DC cable for ACE-643A/663A power to CPU card, W/4PIN 12V CPU / HDD / S-ATA Connector, 30cm |
| CB-643BP-RS | DC cable for ACE-643A/663A power to Backplane, W/20PIN ATX / HDD / S-ATA connector, 30cm   |



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