

Westgate Entertainment District: power supply swaps

May 1 to September 20, 2026. As of September 20, 2026.

41 power supplies swapped across 5 visits with a recorded count (2 on Jun 5 + 12 on Jun 24-25 + 3 on Jul 3 + 17 on Aug 26 + 7 on Sep 8). 3 further visits (May 8, May 15, Aug 11) replaced supplies with no count recorded and are left out of the total.

Visit register

Date	On site	Case	Swapped	What was done
May 8	Tim Harty (ANC)		n/r	All outages fixed; every one was a failed power supply. Count not recorded.
May 15	Riley Chapman-Hart (ANC)		n/r	Onsite for Screens 1, 2 and 6; power supplies changed on the other screens. Count not recorded.
Jun 5	Riley Chapman-Hart (ANC)		2	One on each board (Screens 2 and 3). Big blackouts fixed; one more supply short of 100%.
Jun 24-25	Riley Chapman-Hart (ANC)		12	12 used across the two days (6 on day one), plus one faulty power cable swapped.
Jul 3	Riley Chapman-Hart (ANC)		3	3 used; 4 left on site afterwards. Screen 2 power run also repaired the same day.
Aug 11	Yesco		n/r	Onsite at 6am with 3 new supplies available. Swap count not recorded.
Aug 26	Yesco	00002222	17	17 power supplies, 3 modules and 2 power cables. 9 of 10 signs had outages; all fully illuminated on completion.
Sep 3	Yesco	00002564	0	Large outage was a failing data connector, not power; bypassed with new cable. Tech noted about 6 other power supply outages.
Sep 8	Yesco	00002565	7	Board 6: 2, Board 7: 3, Board 8: 2. Two more needed with none left on site; 25+ modules flagged for RMA.
Total counted			41	n/r = replaced, count not recorded

Spare supply on site

Jun 5: Last of the on-site supply used.

Jun 28: 12 used in two days; another order requested.

Jul 6: 20 more ordered.

Aug 18: Shipment still in transit.

Aug 26: Materials on site for the 17-unit visit.

Sep 8: None left on site; 2 more needed.

Sep 10: Replacement shipment due by end of day Sep 11.

The part

Model: Rong Electric MDK300PC5

Output: +5.0 Vdc, 0-60 A, 300 W

Rated input: 100-240 Vac (range 90-264 Vac), 47-63 Hz

Efficiency: 90% or better at 220 Vac, full load

Power factor: 0.95 or better at full load

Cooling: Natural ventilation (self-cooled)

Protections: Input undervoltage, output current limiting, output short circuit