SPS5785 51198651-100

Process Manager System Power Supply

Honeywell SPS5785 51198651-100 is the offered Process Manager system power supply reference. Honeywell identifies part 51198651-100 as the current silver version 3 replacement in its xPM power-maintenance guidance.

Sourcing Support | 12-Month Warranty

Product summary

Manufacturer part number	SPS5785 51198651-100
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	21.5cm x 30cm x 14cm
Country of Origin	USA
Weight	5.2 kg
Manufacturer	Honeywell
Product Category	DCS Systems

Buyer information - Overview

The exact supply part identifies silver version 3; older silver and black supply numbers follow different maintenance priorities.

Current service replacement: The exact 51198651-100 part identifies the silver version 3 supply in the maintenance guidance.

Redundancy-aware maintenance: Dedicated feeds and the working supply condition govern the service plan.

Contamination-sensitive exchange: Airflow around the remaining supply is protected during replacement work.

The part-number sequence distinguishes this supply from silver version 1 51109684-100/300 and silver version 2 51198947-100. The original black supply 51109456-200 is also a different service identity and is covered by specific replacement guidance.

The xPM power-maintenance guidance recommends redundancy with each supply fed by its own dedicated source. During a failed-supply change, disturbance and particle contamination around the working supply can jeopardize the remaining powered path.

Plan replacement of supplies nearing the ten-year service benchmark during scheduled downtime where possible. Follow the xPM service procedure, preserve alarm-contact wiring, and control conductive debris and enclosure access throughout the work.

Controller platform reference: Honeywell Process Manager I/O. Confirm the installed wiring drawing.

Technical specifications

Rated AC input	100-240 V AC
Rated input frequency	47-63 Hz
Rated input current	10 A
Main DC output voltage	24-26 V DC
Main DC output current	20 A
Battery-charger output voltage	54 V DC
Battery-charger output current	1 A
Synchronization output voltage	6 V AC
Synchronization output current	35 mA
Maximum ambient temperature	55 ■C
Status indicators	5
Power-supply service benchmark	10 years, manufacturer maintenance guidance

Electrical ratings apply to the identified SPS5785 51198651-100 label execution (Honeywell Rev F / supply Rev G). Match the delivered label and revision before installation. The ten-year value is a maintenance benchmark.

Applications / Compatibility

Installed signal relationship for SPS5785 51198651-100: Dedicated power source > xPM power supply > installed Process Manager power system.

The maintenance guidance recommends a dedicated source for each redundant supply.

xPM power-system support
Review the installed Process Manager power system and exact supply part identity.

Planned life-cycle maintenance
Schedule supply exchange around the manufacturer service benchmark.

Failed-supply intervention
Protect the remaining operating supply from disturbance and particles.

Alarm and enclosure restoration
Verify alarm wiring, grounding, covers and doors after authorized service.

Product Precautions

Read the exact supply number
Distinguish version 3 from earlier silver and black part identities.

Review both redundant feeds
Identify the dedicated source serving each supply.

Choose the approved outage
Use scheduled downtime for planned working-supply replacement where possible.

Protect the operating airflow
Avoid introducing particles near the remaining working power supply.

Preserve alarm contacts
Capture the existing power-alarm wiring before intervention.

Restore the enclosure
Check grounding, covers, doors and conductive-debris control before release.

Lifecycle Status

The current factory phase for SPS5785 51198651-100 is unconfirmed.

Plan support around the silver version 3 supply identity and the age of the installed power system. Keep replacement scheduling, redundant-feed review and the applicable xPM maintenance procedure together.

Supply covers one process manager system power supply. The connected field devices, termination or processor hardware, cables and cabinet items require separate itemization.

Available Unit Details

SPS5785 51198651-100: Distinguish version 3 from earlier silver and black part identities.

Ask for the actual supply label, revision and connector photographs, plus available age or service records. Inspect the enclosure and contacts, and confirm the accessories included with the offered supply.

Included assembly - one SPS5785 51198651-100 assembly

Technical notes

Version identification	51198651-100 is silver version 3. The earlier silver and black supply numbers are separate service identities.
Replacement timing	Plan exchange near the service benchmark during scheduled downtime and use the applicable xPM procedure.
Redundant feeds	The maintenance guidance recommends a dedicated source for each redundant supply.

Alternative Names

Honeywell SPS5785 51198651-100

SPS5785 51198651-100

Frequently Asked Questions (FAQ)

Which silver supply generation corresponds to SPS5785 51198651-100?	Honeywell identifies part 51198651-100 as silver version 3. Compare the complete supply part number with the installed maintenance record.
How do older silver supply numbers differ from SPS5785 51198651-100?	51109684-100/300 identifies version 1 and 51198947-100 identifies version 2. The maintenance guidance recommends priority replacement of those earlier generations.
What redundant-feed arrangement should be reviewed for SPS5785 51198651-100?	The manufacturer recommends a dedicated source for each supply. Confirm the actual feed arrangement and isolation boundaries before planning the work.
Why must airflow disturbance be controlled when changing SPS5785 51198651-100?	Particles introduced during work can enter the working supply and cause a second failure. Keep the service area and remaining airflow protected.
When should a working SPS5785 51198651-100 be considered for planned exchange?	Review supplies nearing the ten-year maintenance benchmark and schedule replacement during approved downtime where possible. Apply the xPM service procedure.
Which older black supply is distinguished from SPS5785 51198651-100 in the maintenance guidance?	The black 51109456-200 supply is covered by priority replacement guidance concerning possible overvoltage. Verify the installed label before applying the corresponding procedure.
What wiring evidence should accompany service on SPS5785 51198651-100?	Retain the feed identity, grounding and alarm-contact wiring, together with the supply part number and revision, so the power system can be restored and checked.
What should be checked after completing authorized work on SPS5785 51198651-100?	Verify the power-system indications, alarm wiring, grounding, covers and closed doors. Confirm that conductive debris has been removed through the approved site process.

Downloads

Apter Power SPS5785 51198651-100 Power-System Technical Reference	Power-supply generation and maintenance reference based on Honeywell xPM service guidance.
SPS5785 51198651-100 Engineering Field Guide	Read the exact supply number, Review both redundant feeds, Choose the approved outage.

What happens after you enquire

Review your reference	Send the full marking, quantity and label photos. We review the item and any version details that need clarification.
Confirm the offer	Check the quoted reference, condition, included items and expected dispatch date before approving your order.
Arrange dispatch	Confirm delivery details and receive the tracking number when it becomes available.

Ordering checks

Include SPS5785 51198651-100 and every revision or approval marking visible on the item. Keep the exact reference on your enquiry and quotation.

Request available label and interface photos. Have your maintenance team compare the offered SPS5785 51198651-100 with the installed equipment and applicable Honeywell documentation.

Related Honeywell product references

Review the complete assembly identity and installed-system application for each reference.

- Honeywell MU-TDID12 51304441-125

Engineering contact

Discuss the exact marking and installed application with Apter Power. sales13@apterpower.com | +86 18030235313

Technical basis

Honeywell System HINTS, October 2026, xPM power-system maintenance; SPS5785 51198651-100 manufacturer rating label, Honeywell Rev F / supply Rev G