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1600682-1 – Power Supply Datasheet

✓ Government record, cited

— · PSU

WHAT YOU NEED TO KNOW

Always quote matching pair — mixed wattage causes throttling Platinum/Titanium = higher efficiency = lower power cost over time

⚠ AC or DC input? Verify customer site power

PRODUCT OVERVIEW

The CHARGER,BATTERY is a the manufacturer cache protection component designed to preserve data integrity during power loss events in enterprise server and storage controller environments. This part is cataloged in the U.S. Government catalog under NSN 6130-01-648-0376, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

1600682-1

NSN: 6130-01-648-0376

FSC: 6130 — Converters, Electrical, Nonrotating

CAGE: 23386 — THALES DEFENSE & SECURITY INC DBA THALES COMMUNICATIONS INC (USA)

SPECIFICATIONS

Wattage	—
Efficiency Rating	—
Form Factor	—
Hot-Plug	—
Redundancy	—
Input Voltage	—
Output Power	—

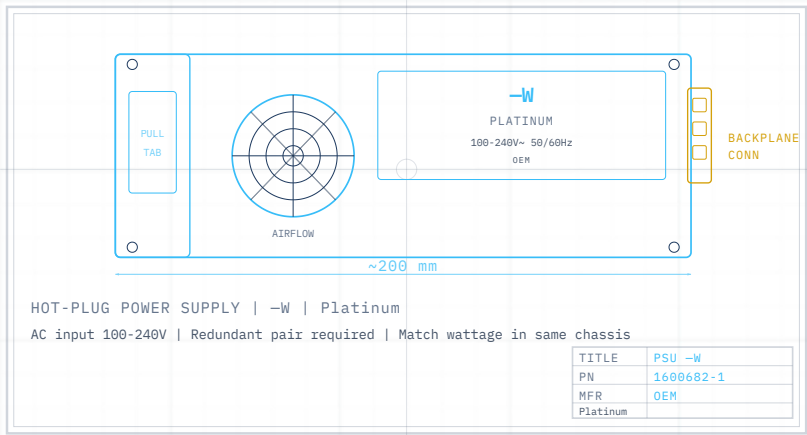
Platform	—
NSN	6130-01-648-0376

FITS THESE MACHINES

Lenovo ThinkServer RD450

Lenovo ThinkServer RD550

COMPONENT DIAGRAM



TYPICAL APPLICATIONS

- RAID cache protection during power loss events
- Write-back cache enablement for storage controllers
- Enterprise server data integrity assurance
- Hot-swap battery/capacitor replacement in production

TECHNICAL CHARACTERISTICS

PART NAME ASSIGNED BY CONTROLLING AGENCY	CHARGER SINGLE BAY
END ITEM IDENTIFICATION	5820016466255

OTHER ITEMS IN FSC 6130 — CONVERTERS, ELECTRICAL, NONROTATING

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

6130-00-000-0118	6130-00-001-1368	6130-00-001-1574	6130-00-001-1577
6130-00-001-1619	6130-00-001-1709	6130-00-001-1715	6130-00-001-1783

SUBSTITUTES & CROSS-REFERENCES 1

1600701-4
Possible match (shared part number)

Charger,battery

Possible match (shared part number)

LIFECYCLE

NSN status
 Active
 · U.S. Government catalog

Acquisition advice: Normally procured from the manufacturer (OEM)

No demilitarization required

FREQUENTLY ASKED QUESTIONS

- What is 1600682-1?**
- 1600682-1 is a CHARGER,BATTERY.
- What parts can replace 1600682-1?**
- There is 1 known substitute for 1600682-1: 1600701-4. Substitute compatibility should be verified for your specific system.
- What is the NSN for 1600682-1?**
- 1600682-1 is cataloged in the U.S. Government catalog under NSN 6130-01-648-0376. This indicates validated use in U.S. government and defense supply chains.

✓
 PartsTable — the parts reference. Every fact cited to its source.


 PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.