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Overview

Huawei S3300 Series Switch S3352P-EI-48S Mainframe 48 100 BASE-X ports and 2 100/1000 SFP ports and 2 SFP ports, DC -48V ,13.2 Mpps Forwarding performance, 17.6 Gbps Switching capacity, 64Gbps stacking bandwidth, Enhanced layer 3 Feature.

Quick Specification

Table 1 shows the quick specification.

Model	LS-S3352P-EI-48S-DC
Part Number	02351420
Description	S3352P-EI-48S Mainframe (48 100 BASE-X ports and 2 100/1000 BASE-X ports and 2 SFP GE (1000 BASE-X) ports (SFP Req.) and DC -48V)
Attributes	Hardware
Category	Basic Configuration
Product Line	Networking
Product Family	Switch
Product Category	S3300
Sub Product Family	Campus Switch
Product Series	S3300
UOM	PCS
Net Dimension (D*W*H mm)	442*420*43
Typic Power (W)	49

Figure 1 shows the appearance of LS-S3352P-EI-48S-DC.

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Do you have any question about the LS-S3352P-EI-48S-DC (02351420)?

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Specification

LS-S3352P-EI-48S-DC Specification	
Model	LS-S3352P-EI-48S-DC
Part Number	02351420
Description	S3352P-EI-48S Mainframe (48 100 BASE-X ports and 2 100/1000 BASE-X ports and 2 SFP GE (1000 BASE-X) ports (SFP Req.) and DC -48V)
Fixed port	48*10/100Base-T ports, 2* 100/1000Base-X and 2*1000Base-X ports
Processor	Dominant frequency:200MHz)
Switching capacity	17.6 Gbit/s
Forwarding performance	13.1 Gbit/s
DDR memory	128 MB
Flash Memory	16 MB
Backplane switching capacity	64 Gbit/s
MAC address table	Supports 16K MAC address entries. Supports automatic learning and aging of MAC address Supports static, dynamic, and blackhole MAC address entries. Supports packet filtering based on source MAC addresses.
VLAN features	Supports up to 4096 VLANs. Supports guest VLANs,voice VLANs, and super VLANs. Supports VLAN assignment based on MAC addresses, protocols, and IP subnets. Supports basic QinQ and selective QinQ. Supports 1:1 VLAN switching. Supports N:1 VLAN switching.
QoS/ACL	Supports rate limit on packets sent and recieved by a port Supports packet redirection Supports port-based traffic policing and two-rate three-color CAR. Supports multiple queue scheduling algorithms including WRR, DRR, SP, WRR+SP, and DRR+SP. Supports re-marking of the 802.1p priority and DSCP priority. Supports packet filtering based on Layer 2 to Layer 4 information, filtering out invalidframes based on the source MAC address, destination MACaddress,source IP address,destination IP address, port number, protocol, and VLAN ID. Supports queue-based rate limit and traffic shaping on ports. Supports eight queues on each port.
IPv6 features	Supports PMTU.

	Supports Neighbor Discovery (ND).
	Supports IPv6 Ping, IPv6 Tracert, and IPv6 Telnet.
	Supports manually configured tunnels.
	Supports 6-to-4 tunnels.
	Supports ISATAP tunnels.
	Supports ACLs based on the source IPv6 address, destination IPv6 address, Layer-4 port,or protocol type.
	Supports MLD v1/v2 snooping.
Multicast	Supports 1024 multicast groups.
	Supports IGMP v1/v2/v3 snooping and fast leave.
	Supports multicast VLAN and cross-VLAN multicastreplication.
	Supports multicast load sharing among bundled ports.
	Supports controllable multicast.
	Supports port-based multicast traffic statistics
	Supports IGMP v1/v2/v3, PIM-SM, and PIM-DM.
Security	Supports hierarchical user management and password protection.
	Supports DoS attack defense, ARP attack defense, and ICMP attack defense.
	Supports binding of the IP address, MAC address, port number, and VLAN ID.
	Supports port isolation, port security, and sticky MAC.
	Supports blackhole MAC addresses.
	Supports limit on the number of MAC addresses to be learned.
	Supports IEEE 802.1X authentication and the limit on the maximum number of users on a port.
	Supports multiple authentication methods including AAA, RADIUS, HWTACACS+, and NAC.
	Supports SSH v2.
	Supports CPU protection.
	Supports blacklisting and whitelisting.
Surge protection	Each port has a surge protection capability of 6 KV. Each port has a surge protection capability of 15 KV after an extra surge protection device is added.
Management and maintenance	Supports iStack (except the S33HI).
	Supports MAC Forced Forwarding (MFF).
	Supports auto-config and HGMP.
	Supports remote configuration and maintenance by using Telnet.
	Supports Virtual Cable Test (VCT).
	Supports Ethernet OAM (IEEE 802.3ah and 802.1ag).
	Supports Dying gasp power-off alarm (the S3328TP-EI-MC and the S3326C-HI only).
	Supports local port mirroring, Remote Switched Port Analyzer (RSPAN), and packet forwarding on an observing port.
	Supports SNMP v1/v2/v3 and RMON.
	Supports MUX VLAN and GVRP.
	Supports the Network Management System (NMS) and Web management.
	Supports SSH v2.
	Supports HTTPS (the S3300HI only).
	Supports 802.3az EEE (the S3300HI only).
	Supports system logs and multi-level alarms.
Operating environment	Operating temperature: 0°C to 50°C (long term); –5°C to 55°C (short term); relative humidity: 10% to 90% (non-condensing)
Power supply	DC: Rated voltage: –48 V to –60 V

	Maximum voltage: –36 V to –72 V
	Note: Models supporting PoE do not use DC power supplies.
Dimensions: width x depth x height	S3328TP-EI/SI, S3328TP-EI-24S, S3352P-EI/SI, S3326C-HI, S3318P-EI-MC: 442 mm x 220 mm x 43.6 mm
	S3328TP-PWR-EI, S3352P-EI-48S, S3352P-EI-24S, S3352P-PWR-EI: 442 mm x 420 mm x 43.6 mm
Weight	< 4.8 kg
Power consumption	< 92 W

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