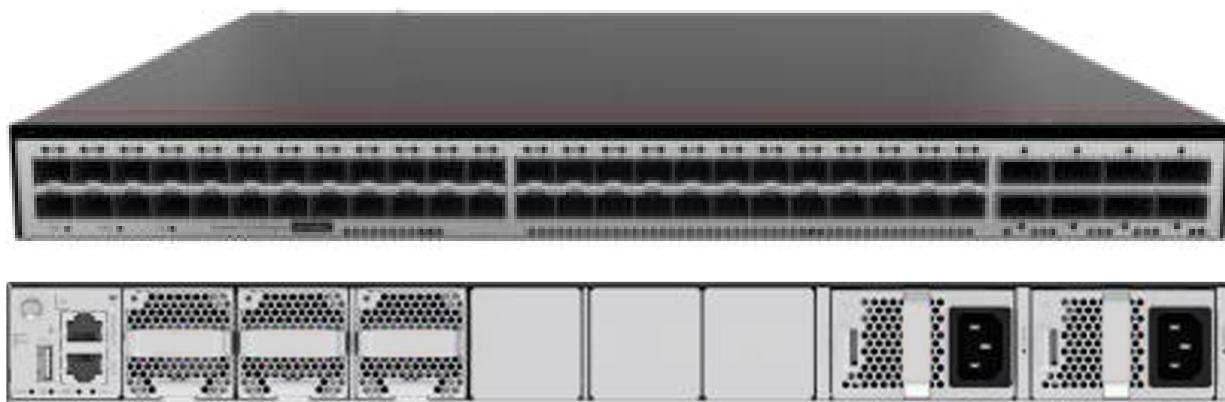# CloudEngine 6855-G
Data Center Switch

Datasheet

▪ Product Overview

The CloudEngine 6855-G series is a new generation of high-performance, high-density 1GE/10GE access switches for data centers. The CloudEngine 6855-G series adopts the advanced hardware design, provides high-density 10GE ports, supports 40GE/100GE uplink ports, supports various data center features, and flexibly selects the air channel direction. The CloudEngine 6855-G series switches are designed for high-density 1GE/10GE access in data centers, helping enterprises and carriers build a data center network platform for the cloud computing era. They can also be used for the core or aggregation product models and appearance of campus networks.

▪ Technical Specification

Items	CloudEngine 6855-48XS8CQ-G
10 SFP+ Oort	48
40/100GE QSFP28 Port	8
Switching Capacity	4.8Tbps
Packet Forwarding Rate	2000Mpps
Air Duct Type	Standard front/rear or rear/front air duct
Chassis Dimensions (W × D × H)	442mm × 420mm × 43.6mm
Full Weight	8.35kg
Environmental Requirements	Operating Temperature: 0℃ to 40℃ (0m to 1800m) Storage Temperature: -40℃ to +70℃ Relative Humidity: 5% to 95%RH, non-condensing
Operating Voltage	600W AC &240VDC power module: AC: 90VAC to 290VAC, 45Hz-65Hz; Dc:190VDC to 290VDC 1200W DC power module: -38.4VDC to -72VDC; +40VDC to +57VDC
Typical Power Consumption	147W

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