

# HSGQ- XPON MDU

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## Variants

844 4x 1G RJ45 (PoE) 843 4x1G RJ45 (PoE)

## Details

### Product Description:

HSGQ-844 is one of the latest 84 series of industrial grade XPON passive optical network communication terminals launched by our company. The product provides 4GE and 1 optical fiber access port, built-in industrial power supply and metal shell; The stability and wide compatibility of the product are suitable for high-speed interconnection projects such as smart city and smart transportation, It can work normally under the harsh environment of high and low temperature difference, and well meet the application of high-speed data transmission.Industrial applications, the operating environment supports the temperature difference between -40°C~+75°C, and all ports support 6KV lightning protection function, which is safe regardless of indoor and outdoor deployment.

### Technical Parameter:

Module	Parameters
User Interface	54V POE input power supply
	RJ45 lightning protection: CM 6KV, DM 2KV
	1 XPON adaptive interface
	Interface type: px20+
	Uplink and downlink speed: 1.25Gbps/2.5Gbps
PON Interface	Transmitted optical power: 0-4dBm
	Optical receive power: 7--27dBm
	Sensitivity: 2-28dBm

Module	Parameters
	Uplink and downlink wavelength: 1310nm/1490nm
	Power supply line sequence 1/2(+), 3/6(-)
PoE/POE+	POE input voltage: 54V DC
	Maximum power of a single port: 30W
	Maximum power of the whole machine: 60W
Management Configuration	Support web interface management
	Support telnet command remote login management
Size	200mm (L) x 135mm (W) x 40mm (H)
Environmental	Working environment: -40°C~80°C, 10%~85%
	Storage environment: -40°C-80°C; 5%~95%
Power Supply	Built-in industrial power supply
	110-240AC

## Key Features:

- The point to multipoint network topology is adopted to effectively collect and aggregate the scattered Ethernet services of users, and the standard RJ45 Fast Ethernet interface is provided on the user side
  - Dynamic bandwidth allocation mechanism enables all users to share bandwidth more reasonably, realize reliable quality of service (QoS), and ensure the service quality of different services in the same network
  - Support IGMP multicast and make effective use of broadband
  - Support multicast VLAN
  - GPON is adopted to meet ITU-T G.984/G.988 standards
  - Provide remote management through OLT and support local console management
- Support the line loopback detection function of user side Ethernet interface
- Support IEEE802.1q VLAN protocol
  - Support broadcast storm suppression
- Support IEEE802.3x flow control (full duplex)

- Support IEEE802.1p, cos protocol
- Support WR and SP queue scheduling algorithms
- Support port speed limit
- Support -40°C~+75°C high and low temperature difference

All ports support 6KV lightning protection

- Support PoE network port power supply conforming to IEEE802.3ah standard
- Support IPv4/IPv6

### Ordering Information:

Product Model	HSGQ-843
Description	4x10/100/100M RJ45 (PoE)
	1xE/GPON adaptive interface
	Power supply: AC220V
<a href="#">Download HSGQ-844 MDU : Data sheet in PDF File</a> <a href="#">Download HSGQ-843 MDU : Data sheet in PDF File</a>	