DA1001-RM

DANTECH
ELECTRONIC ENGINEERING

*Secure*PoE™ **1.2Ah** *Midspan*UPS™
within a 1U 19" rack-mount security enclosure

Features

- Midspan power injector with 4 or 8 load output ports
- 30W of load power availability per port, to IEEE 802.3:2012
- 90-270V AC, 47-63Hz universal mains input
- Ultra high efficiency operation - up to 96% (tested with 120W load)
- Safe power supply design
- System power status LED & monitoring contacts
- Monitoring relay contacts can be used for analogue or network interface
  (e.g. AVIs, alarm logs, device alarm inputs; or triggering ancillary equipment)
- Individual port power status LEDs and monitoring contacts
- Automatic load class detection
- Innovative fast entry cable system
- Additional cable entry knock-outs
- Secure steel 19" 1U rack-mount enclosure
- Tamper switch
- Designed for ease of fitting and high reliability

Battery pack features

- Customised Yuasa battery pack included
- Remote battery packs are fast-fit, replaceable and can be installed outside of the rack cabinet
- 7Ah & 10Ah battery packs feature carry handles
- Automatic battery low voltage deep discharge protection
- Mains fail and low battery relay monitoring contacts
- Guaranteed replacement battery pack availability

YUASA BATTERY

Description

A Power over Ethernet midspan power supply with secure enclosure and monitoring. Units will provide up to a full 30W of power to each output.

Four or eight output versions are available. Each output has an RJ45 data port, (e.g. from the network switch) and an RJ45 load port for the PoE device, that outputs the data and power.

Outputs have LED indication to show if a compatible device is connected and powered. In addition there are SPCO clean contacts for monitoring the power status of each output. The unit also has power on LED indication and SPCO clean contacts to signal power failure.

	Indoor wall mount	Exterior wall mount	19" Rack-mount
Standard (Non-battery)			
1 x 30W PoE+ injector	DA1000-IN-1	DA1000-EX-1	-
2 x 30W PoE+ injector	DA1000-IN-2	DA1000-EX-2	-
4 x 30W PoE+ injector	DA1000-IN-4	DA1000-EX-4	DA1000-RM-4
8 x 30W PoE+ injector	-	-	DA1000-RM-8
1 x 30W Gigabit PoE+ injector	DA1000-IN-1-G	DA1000-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1000-IN-2-G	DA1000-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1000-IN-4-G	DA1000-EX-4-G	DA1000-RM-4-G
8 x 30W Gigabit PoE+ injector	-	-	DA1000-RM-8-G
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1100-IN-1-G	DA1100-EX-1-G	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1100-IN-2-G	DA1100-EX-2-G	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1100-IN-4-G	DA1100-EX-4-G	DA1100-RM-4-G
Battery maintained 1.2Ah			
1 x 30W PoE+ injector	DA1001-IN-1	DA1001-EX-1	-
2 x 30W PoE+ injector	DA1001-IN-2	DA1001-EX-2	-
4 x 30W PoE+ injector	DA1001-IN-4	DA1001-EX-4	**DA1001-RM-4**
8 x 30W PoE+ injector	-	-	**DA1001-RM-8**
1 x 30W Gigabit PoE+ injector	DA1001-IN-1-G	DA1001-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1001-IN-2-G	DA1001-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1001-IN–4-G	DA1001-EX-4-G	**DA1001-RM-4-G**
8 x 30W Gigabit PoE+ injector	-	-	**DA1001-RM-8-G**
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1101-IN-1-G	DA1101-EX-1-G	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1101-IN-2-G	DA1101-EX-2-G	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1101-IN-4-G	DA1101-EX-4-G	DA1101-RM-4-G
Replacement battery pack part code:	**DA1001-IN-BATT**	**DA1001-EX-BATT**	**DA1001-RM-BATT**
Battery maintained 7Ah			
1 x 30W PoE+ injector	DA1007-IN-1	DA1007-EX-1	-
2 x 30W PoE+ injector	DA1007-IN-2	DA1007-EX-2	-
4 x 30W PoE+ injector	DA1007-IN-4	DA1007-EX-4	DA1007-RM-4
8 x 30W PoE+ injector	-	-	DA1007-RM-8
1 x 30W Gigabit PoE+ injector	DA1007-IN-1-G	DA1007-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1007-IN-2-G	DA1007-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1007-IN-4-G	DA1007-EX-4-G	DA1007-RM-4-G
8 x 30W Gigabit PoE+ injector	-	-	DA1007-RM-8-G
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1107-IN-1-G	DA1107-EX-1-G	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1107-IN-2-G	DA1107-EX-2-G	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1107-IN-4-G	DA1107-EX-4-G	DA1107-RM-4-G
Replacement battery pack part code:	**DA1007-IN-BATT**	**DA1007-EX-BATT**	**DA1007-RM-BATT**
Battery maintained 10Ah			
1 x 30W PoE+ injector	DA1010-IN-1	DA1010-EX-1	-
2 x 30W PoE+ injector	DA1010-IN-2	DA1010-EX-2	-
4 x 30W PoE+ injector	DA1010-IN-4	DA1010-EX-4	DA1010-RM-4
8 x 30W PoE+ injector	-	-	DA1010-RM-8
1 x 30W Gigabit PoE+ injector	DA1010-IN-1-G	DA1010-EX-1-G	-
2 x 30W Gigabit PoE+ injector	DA1010-IN-2-G	DA1010-EX-2-G	-
4 x 30W Gigabit PoE+ injector	DA1010-IN-4-G	DA1010-EX-4-G	DA1010-RM-4-G
8 x 30W Gigabit PoE+ injector	-	-	DA1010-RM-8-G
1 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1110-IN-1-G	DA1110-EX-1-G	-
2 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1110-IN-2-G	DA1110-EX-2-G	-
4 x 30W Gigabit PoE+ injector & 5-Port Gigabit switch	DA1110-IN-4-G	DA1110-EX-4-G	DA1110-RM-4-G
Replacement battery pack part code:	**DA1010-IN-BATT**	**DA1010-EX-BATT**	**DA1010-RM-BATT**

Product selection

1. Select product mounting type:
   - Indoor wall mounting = *"IN"*
   - Exterior wall mounting = *"EX"*
   - 19" rack mounting = *"RM"*

2. Select number of 30W PoE ports required

3. If battery standby is required, simply select the appropriate battery pack capacity from the table.
   (Use the power ratings for your PoE load devices to determine your total system load requirement.)

Estimated system standby times

	Battery capacity		
Output load	**1.2Ah**	**7Ah**	**10Ah**
5W	9 Hours	65 Hours	100 Hours
12W	4 Hours	30 Hours	44 Hours
25W	1.75 Hours	14.5 Hours	20 Hours
50W	40 Minutes	6.5 Hours	9.5 Hours
75W	23 Minutes	4 Hours	6 Hours
100W	14 Minutes	2.75 Hours	4 Hours