

# 109P6612H2026



Rated Voltage(V)	12	
Operation Voltage(V)	7.0 ~13.8	
Current(A)	0.1	
Speed(min <sup>-1</sup> )	3,600	
Noise(dB[A])	29	*1
Thermal Resistance(K/W)	0.79	*2
Service life(h)	40,000/at 60°C	
Mass(g)	126	
Attachment	CLIP	

\*1. The Noise which is measured at the plase if 100cm distance from motor surface.

\*2. Thermal interface material : Silicon compound.

# How to read the model number

## General fans

**109**

Represents a fan motor.

**R**

Additional number: Used to classify the remodeling performed or for other purposes.

P : Mold frame type  
R : Mold frame type  
E : Aluminum frame  
L : Long Life Fan  
W : Splash Proof Fan

**12**

Frame dimensions code

04 : 40 x 40mm  
05 : 52 x 52mm  
06 : 60 x 60mm  
08 : 80 x 80mm  
09 : 92 x 92mm  
**12 : 119 x 119mm**  
14 : 140 x 140mm  
17 : 172mm dia  
57 : 172mm dia,  
51 mm wide,  
side cut

**12**

Voltage code  
05 : 5v  
**12 : 12V**  
21 : 21V  
24 : 24V  
48 : 48V

**H**

Speed code

S : Super-speed  
H : **High speed**  
F : Medium speed between H and M  
M : Middle speed  
L : Low speed  
W : Wide range  
MH: Two speeds, H and M

**1**

Sensor and specific specification code

01 : With pulse sensor  
02 : Sensor-less  
**D01** : With lock sensor  
H01:With low-speed sensor

**D01**

Frame thickness code

**1** : 38mm thick 5: 51mmthick  
2 : 32mm thick 6 : 20mm thick  
3 : 28mmthick 7 : 15mmthick  
4 : 25mm thick

**1**

Ribless 1  
Ribbed

## Thermally speed controlled fans

**109**

Represents a fan motor.

**R**

Additional number: Used to classify the remodeling performed or for other purposes.

P : Mold frame type  
R : Mold frame type

**12**

Frame dimensions code

05 : 52 x 52mm  
06 : 60 x 60mm  
08 : 80 x 80mm  
09 : 92 x 92mm  
**12 : 119 x 119mm**

**12**

Voltage code  
**12 : 12V**

**T**

Represents a thermally speed controlled fan.

**1**

Frame thickness code

**1** : 38mm thick  
4 : 25mm thick  
6 : 20mm thick  
7 : 15mm thick

**H**

Speed code

H : High speed

**11**

Sensor and specific specification code

10 : With lock sensor  
11 : **With** pulse sensor  
12 : Sensor-less

**2**

External view code

Nil:Ribbed frame product with an external thermistor  
**1**:Ribless frame product with an external thermistor  
2 : Ribbed frame product with a built-in thermistor  
3 : Ribless frame product with a built-in thermistor

## CPU cooler

**109**

Represents a fan motor.

**P**

Additional number: Used to classify the remodeling performed or for other purposes.

P : Mold frame type

**44**

Heat sink dimensions code

44 : 45 x 45mm or 44.5 x **44.5mm**  
54 : 54 x 54mm or 50.8 x **50.8mm**  
66 : 66 x 62mm

**05**

Voltage code

**05 : 5V**  
12 : 12V

**H**

Speed code,

H : High speed  
M : Middle speed

**8**

Frame thickness code

2 : 30mm thick  
8 : **18mm** thick  
9 : 10mm thick

**D01**

Sensor and specific specification code

01 : With pulse sensor  
02 : Sensor-less  
**D01** : With lock sensor

**6**

External view code

6 : Terminal type

## Sirocco fan

**109**

Represents a fan motor.

**B**

Additional number: Used to classify the remodeling performed or for other purposes.

B : Represents a sirocco fan.

**F**

Frame dimensions code  
F : 120 x 120mm

**12**

Voltage code

**12 : 12V**  
24 : 24V

**H**

Speed code

H : High speed  
M : Middle speed

**A**

Sensor specification code

A : Sensor-less  
C : With a pulse sensor  
D : With a lock sensor

**2**

Frame thickness code

2 : 32mm thick

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SANYO DENKI CO LTD  
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RE: Project Number(s) - 99SC40484

Your most recent listing is shown below. Please review this information and report any inaccuracies to the UL Engineering staff member who handled your project.

For information on placing an order for UL Listing Cards in a 3 x 5 inch format, please refer to the enclosed ordering information.

GPVV2  
 Fans, Electric - Component

March 15, 1999

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E46810

San Ace Series, Models 109-075D, -008UL, -075UL, -105UL, -108UL, -070ULD, -071ULD; Models 109H072UL, -074UL, -075UL, -078UL, -472UL, -474UL, -475UL, -478UL; Models 109S005UL, -006UL, -008UL, -010UL, -013UL, -024UL, -025UL, -029UL, -072UL, -073UL, -074UL, -075UL, -078UL, -405UL, -406UL, -408UL, -410UL, -424UL, -425UL, -429UL, -470UL, -472UL, -474UL, -475UL, -477UL, -478UL.  
 Mini Ace Series, Models 109-033UL, -040UL, -041UL, -043UL, -044UL, -047UL.  
 San Ace 25 Series, Models 109-085, 109S014, -015, -016, -017, 109S081 through -089, 109S414, -415, -481, -482, -483, 109S484 through -489.  
 Mini Ace 25 Series, Model 109-492; Models 109S091, -092, -093, -094, -095, -096, -192, -193, -194, -490, -491, -492, -493, -494, -495, -496, -497.  
 Petit Ace 20 Series, Models 109-210 and 109-213.  
 Dyna Ace, Models 109E1712H5XX, 109E1712M5XX, 109E1724M5XX, 109E1724H5XX, 109E5712H5XX, 109E5712H5JXX, 109E5712M5XX, 109E5724H5XX, 109E5724M5XX.  
 Mini Ace 25 (E Series), Models 109E0912F4XX, 109E0912H4XX, 109E0912L4XX, 109E0912M4XX, 109E0912W4XX, 109E0924F4XX, 109E0924H4XX, 109E0924L4XX, 109E0924M4XX, 109E0924W4XX, 109E0948H4XX, where XX represents 01 thru 99.  
 Mini Ace 25 (P Series), Model 109P09, followed by 12, 24 or 48, followed by H, F, M L or W, followed by 4, may be followed by D, followed by XX, may be followed by 1; Models 109P0912S4XX1, 109P0912T4HXXY, where XX represents 01 thru 99 and Y represents blank, 0, 1 or 2.  
 Pico Ace 25 (P Series), Models 109P0612F4XX, 109P0612H4XX, 109P0612L4XX, 109P0612M4XX, 109P0612W4XX, 109P0624F4XX, 109P0624H4XX, 109P0624M4XX, 109P0624W4XX, where XX represents 01 thru 99.  
 Dyna Ace BLDC, Models 109L1712H5XX, 109L1712M5XX, 109L1724H5XX, 109L1724M5XX, 109L1748H5XX, 109L1748M5XX, 109L1712H5DXX, 109L1712M5DXX, 109L1724H5DXX, 109L1724M5DXX, 109L1748H5DXX, 109L1748M5DXX, 109L5712H5XX, 109L5712M5XX, 109L5724H5XX, 109L5724M5DXX, 109L5748H5XX, 109L5748M5XX, 109L5712H5DXX, 109L5712M5DXX, 109L5724H5DXX, 109L5724M5DXX, 109L5748H5DXX, 109L5748M5DXX.  
 Petit Ace Series, Models 109-050, -051, -052, -053, -054, -055, -057.  
 Pico Ace 38 Series, Models 109-130, -133.  
 Petit Ace 25 Series, Models 109S030, 109S031, 109S032, 109S033, 109S034, 109S037, 109S050, 109S051, 109S053, 109S054.  
 Petit Ace 38 Series, Models 109-150, -151, -153, -154.  
 Pico Ace 28 Series, Models 109-180, -183.  
 Dyna Ace Series, Models 109-311, -312, -313, -314, -353, -361, -362, -371, -372, -373, -374, -383, -5383, 109H301, -H302, -H303, -H304, -H311, -H312, -H313, -H314, 109S301, -S302, -S303, -S304.  
 High Ace Series, Models 109-601, -602, -603, -604, -641, -642, -643 and -644.  
 Pico Ace 25 (P Series), Models 109P01612H4XX, 109P0612F4XX, 109P0612M4XX, 109P0612L4XX, 109P0612W4XX, 109P0624H4XX, 109P0624F4XX, 109P0624M4XX, 109P0624W4XX.  
 San Ace (E Series), Models 109E1212H1A02, 109E1212H1XX, 109E1212M1X, 109E1212A1XX, 109E1224H1XX, 109E1224M1XX, 109E1224A1XX, 109E1248H1JXX.  
 San Ace (P or P1 Series), Models 109P1212H1XX(1), 109P1212M1XX(1), 109P1224H1XX(1), 109P1242M1XX(1).  
 San Ace 25 (P or P1 Series), Models 109E1212H4AXX, 109E1212F4AXX, 109E1212M4AXX, 109E1224H4AXX, 109E1224F4AXX, 109E1224M4AXX, 109E1212H4EXX(1), 109E1212M4EXX(1), 109E1224H4EXX(1), 109E1224M4EXX(1), 109P1205M4XX(1), 109P1212L4XX(1), 109P1212L4DXX(1), 109P1212H4EXX(1), 109P1212F4EXX(1), 109P1212M4EXX(1), 109P1212L4EXX(1), 109P1224H4EXX(1), 109P1224F4EXX(1), 109P1224M4EXX(1), where XX represent 01 - 99, XX may be replaced by letter DXX; Model 109P1212T4HXXY, where XXY is represented by digits.

