

Compliant with SFX 12V standard, palm size small Nonstop power supply

NSP6F-220P-S10		Function						SFX			NSP	
		DC start	RS 232C	USB	TTL	PFC	Silence	5VSB FAN	TSFC FAN	Connection	RoHS	

2010 Released

Continuous max. **160W**
Peak **220W**

Output voltage	+3.3V	+5V	+12V	-12V	+5VSB
Max. current/ Max. power (Continuous)	10A	10A	10A	0.3A	1.5A
	Total 160W				
Peak current/ Peak power (5sec. max)	10A	10A	14A	0.3A	1.8A
	Total 220W				
Min. load	0A	0A	0A	0A	0A

Output connectors: Main 20+4pin, Main 24pin, Main 20pin, AT, AUX, 12V 4pin, 12V 8pin, P.C-E 6pin, P.C-E 6+2pin, HDD, S-ATA, FDD, Detail

Size: 100(W)×63.5(H)×145(D)
Input: 85~264 VAC(Worldwide range), 16.8 VDC

Applicable OS to automatic shutdown*2: Windows 2000, Windows XP, Windows Vista, Windows 7

Applicable battery packages

BP03A-H16/2.5L	Small size type, Ni-MH battery	P43
BS03A-H16/2.5L	3.5 inch bay fixed type, Ni-MH battery	P43

Conversion harness for RS232C

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	WH-10RF04XAR-150	<p>Length=150±10 (Polarizing key)</p> <p>Connection to pin12</p> <table border="1"> <thead> <tr> <th>PIN No.</th> <th>FUNCTION</th> <th>WIRE COLOR/TYPE</th> <th>CONNECTOR TYPE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BATT LOW(DCD)</td> <td>White UL1007 AWG#24</td> <td>Housing: RF-10(JST)</td> </tr> <tr> <td>4</td> <td>SHUT DOWN</td> <td>Yellow UL1007 AWG#24</td> <td>Terminal: RF-SC2210(JST)</td> </tr> <tr> <td>5</td> <td>GND</td> <td>Black UL1007 AWG#24</td> <td>Terminal: RF-SC2210(JST)</td> </tr> <tr> <td>8</td> <td>AC FAIL(CTS)</td> <td>Blue UL1007 AWG#24</td> <td>Polarizing key PK-RF-1(JST) or equivalent</td> </tr> <tr> <td>10</td> <td>(Polarizing key)</td> <td>-</td> <td>-</td> </tr> <tr> <td>Others</td> <td>N.C.</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	PIN No.	FUNCTION	WIRE COLOR/TYPE	CONNECTOR TYPE	1	BATT LOW(DCD)	White UL1007 AWG#24	Housing: RF-10(JST)	4	SHUT DOWN	Yellow UL1007 AWG#24	Terminal: RF-SC2210(JST)	5	GND	Black UL1007 AWG#24	Terminal: RF-SC2210(JST)	8	AC FAIL(CTS)	Blue UL1007 AWG#24	Polarizing key PK-RF-1(JST) or equivalent	10	(Polarizing key)	-	-	Others	N.C.	-	-	<p>The pin assignment of the serial port connector (internal connector) on motherboard.</p> <table border="1"> <tr> <td>DCD</td> <td>1</td> <td>2</td> <td>DSR</td> </tr> <tr> <td>RXD(SIN)</td> <td>3</td> <td>4</td> <td>RTS</td> </tr> <tr> <td>TXD(SOUT)</td> <td>5</td> <td>6</td> <td>CTS</td> </tr> <tr> <td>DTR</td> <td>7</td> <td>8</td> <td>RI</td> </tr> <tr> <td>GND</td> <td>9</td> <td></td> <td></td> </tr> </table>	DCD	1	2	DSR	RXD(SIN)	3	4	RTS	TXD(SOUT)	5	6	CTS	DTR	7	8	RI	GND	9		
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*Harness for automatic shutdown at blackout. Please select the compatible conversion harness for RS232C to the pin assignments of serial port connector for your motherboard.
*Need harness as above for the connection to motherboard

24 VDC&100/200 VAC, with 24V Nonstop power supply

NSP2-250-F2S		Function						AT			NSP	
		DC start	RS 232C	USB	TTL	PFC	Silence	5VSB FAN	TSFC FAN	Connection	RoHS	

1999 Released

Continuous max. **240W**
Peak **260W**

Output voltage	+5V	+12V	+24V	-5V	-12V	+5VSB
Max. current/ Max. power (Continuous)	10A	4A	6A	0.2A	0.2A	1A
	Total 232W					
	Total 240.4W					
Peak current/ Peak power (5sec. max)	10A	6A	8A	0.5A	0.5A	1A
	Total 240W					
	Total 255W					
Min. load	0.5A	0A	0A	0A	0A	0A

Output connectors: Main 20+4pin, Main 24pin, Main 20pin, AT, AUX, 12V 4pin, 12V 8pin, P.C-E 6pin, P.C-E 6+2pin, HDD, S-ATA, FDD, Detail

Size: 150(W)×86(H)×140(D)
Input: 90~264 VAC(Worldwide range), 24 VDC

This model can be automatically shutdown the OS*2 but please note that 5VSB does not stop after shutdown.

Applicable battery packages

BS05A-P24/2.2L	5 inch bay fixed type, Lead-acid battery	P41
RBS01A-P24/2.2L	5 inch bay removable type, Lead-acid battery	P41
BS06A-H24/2.5L	5 inch bay fixed type, Ni-MH battery	P42
BS06B-H24/2.5L	5 inch bay fixed type, Ni-MH battery	P42

*1 Refer to product specifications for details as derating is required. *2 For automatic shutdown, shutdown software or UPS services is required. (Refer to P.46.)