12. Command Set

Command set of SSP-8160 V0.0.1

Command code & return value	Description	Example
Input Command: SOUT< Output > [CR] Return Value: [OK] [CR]	Set Output on/off Set Output off: < Output > =0 Set Output on: < Output > =1	Input Command: SOUT0[CR] Return Value: [OK] [CR] Meaning: Set Output off
Input Command: GOUT [CR] Return Value:<Output> [CR] [OK] [CR]	Get Output Status Output off: < Output > = 0 Output on: < Output > = 1	Input Command: GOUT [CR] Return Value: 0 [CR] [OK] [CR] Meaning: Output is off
Input Command: GOVP [CR] Return Value: <Voltage>[CR] [OK] [CR]	Get upper limit of output Voltage <voltage>=????	Input Command: GOVP [CR] Return Value: 4220 [CR] [OK] [CR] Meaning: upper limit of output Voltage is 42.40V
Input Command: GOCP [CR] Return Value:<Current>[CR] [OK] [CR]	Get upper limit of output Current < Current >=????	Input Command: GOCP [CR] Return Value: 1020 [CR] [OK] [CR] Meaning: upper limit of output Current is 10.20A
Input Command: SETD <preset0/1/2/3> <VOLTAGE> <CURRENT> [CR] Return Value: [OK] [CR]	SET preset0/1/2/3 Voltage and Current <preset0/1/2/3> =0 preset1 <preset0/1/2/3> =1 preset2 <preset0/1/2/3> =2 preset3 <preset0/1/2/3> =3 Normal Mode <voltage> = ???? < Current > = ????	Input Command: SETD 005001000 [CR] Return Value: [OK] [CR] Meaning: Set preset1 voltage 5.00V Current 10.00A
Input Command: SOVP <voltage > [CR] [Return Value:[OK] [CR]	Set Over Voltage value <voltage> = ????	Input Command: SOVP4200[CR] Return Value: [OK] [CR] Meaning: Set upper limit of output Voltage 42.00V
Input Command: SOCP <Current> [CR] Return Value: [OK] [CR]	Set Over current value < Current > = ????	Input Command: SOCP1000[CR] Return Value: [OK] [CR] Meaning: Set upper limit of output Current 10.00A
Input Command: GETD [CR] Return Value: <Voltage ><Current> <CV/CC Mode> [CR] [OK] [CR]	Get Reading Volt & Curr mode <voltage> = ???? < Current > = ???? <CV Mode> =0 CV Mode <CV Mode> =1 CC Mode	Input Command: GETD [CR] Return Value: 050001000[CR] [OK] [CR] Meaning: The Display value is 5.00V and 1.00A. It is in CV mode.
Input Command: GETS< preset0/1/2/3>[CR] Return Value: <Voltage><Current>[CR] [OK] [CR]	Get Setting preset0/1/2/3 Volt & Curr SET preset0/1/2/3 Voltage and Current <preset0/1/2/3> =0 preset1 <preset0/1/2/3> =1 preset2 <preset0/1/2/3> =2 preset3 <preset0/1/2/3> =3 Normal Mode <voltage> = ???? < Current >=????	Input Command: GETS0[CR] Return Value: 05000100[CR] [OK] [CR] Meaning: The Memory preset 1 voltage value is 5.00V and Current is 1.00A.
Input Command: VOLT < preset0/1/2/3> <Voltage>[CR] Return Value: [OK] [CR]	Set output Voltage *Set-Volt value relevance to preset Current value total power<160W .Max-Volt value refer to product specification	Input Command: VOLT 01000[CR] Return Value: [OK] [CR] Meaning: Set Memory preset 1 voltage value is 10.00V
Input Command: CURR < preset0/1/2/3> <Current> [CR] Return Value: [OK] [CR]	SET output Current * Set-Cur value relevance to preset Volt value total power<160W .Max- Current value refer to product specification	Input Command: CURR 00100[CR] Return Value: [OK] [CR] Meaning: Set preset 1 Current value is 1.00A
Input Command: GABC [CR] Return Value: < preset0/1/2/3> [CR] [OK] [CR]	Get preset selection < preset0/1/2/3> =0 preset1 < preset0/1/2/3> =1 preset2 < preset0/1/2/3> =2 preset3 < preset0/1/2/3> =3 Normal Mode	Input Command: GABC [CR] Return Value: 0 [CR] [OK] [CR] Meaning: Preset Mode is Preset1
Input Command: SABC < preset0/1/2/3> [CR] Return Value: [OK] [CR]	Set ABC select < preset0/1/2/3>=0 preset1 < preset0/1/2/3>=1 preset2 < preset0/1/2/3>=2 preset3 < preset0/1/2/3>=3 Normal Mode	Input Command: SABC 2[CR] Return Value: [OK] [CR] Meaning: Preset Mode is set to Preset3
Input Command: SESS [CR] Return Value: [OK] [CR]	Disable Keyboard	Input Command: SESS [CR] Return Value: [OK] [CR] Meaning: Disable Keyboard

Input Command: ENDS [CR] Return Value: [OK] [CR]	Enable Keyboard	Input Command: ENDS [CR] Return Value: [OK] [CR] Meaning: Enable Keyboard
Input Command: GDLT location {0-5} [CR] Return Value: delta time [00-20] [CR] [OK] [CR]	Get delta time setting value DeltaTime[1] : Time of Preset1 to Preset2 DeltaTime[2] : Time of Preset2 to Preset1 DeltaTime[3] : Time of Preset1 to Preset3 DeltaTime[4] : Time of Preset3 to Preset1 DeltaTime[5] : Time of Preset2 to Preset3 DeltaTime[6] : Time of Preset3 to Preset2 *Set- DeltaTime **<=20S**	Input Command: GDLT 0CR] Return Value: 10 [CR] [OK] [CR] Meaning: DeltaTime[1] is 10S
Input Command: SDLT location {0-5} time {00-20} [CR] Return Value: [OK] [CR]	Set delta time *Set- DeltaTime **<=20S**	Input Command: SDLT 205[CR] Return Value: 1 [CR] [OK] [CR] Meaning: DeltaTime[3] is set to 20S
Input Command: GSWT location {0-2} [CR] Return Value: SW time [000-600] [CR] [OK] [CR]	Get SW time SwTime[1]: Time of Preset1 SwTime[2]: Time of Preset2 SwTime[3]: Time of Preset3 *Set- SwTime **<=600S**	Input Command: GSWT [CR] Return Value: 0100 [CR] [OK] [CR] Meaning: SwTime[1] is 100S
Input Command: SSWT location {0-2} time {000-600} [CR] Return Value: [OK] [CR]	Set SW time *Set- SwTime **<=600S**	Input Command: SSWT0100[CR] Return Value: [OK] [CR] Meaning: SwTime[0] is set to 100S
Input Command: RUNP first {0-2} end {0-2}[CR] Return Value: [OK] [CR]	Run SW running	Input Command: RUNP 01[CR] Return Value: [OK] [CR] Meaning: start running SW run A_B
Input Command: STOP [CR] Return Value: [OK] [CR]	Stop SW running	Input Command: STOP [CR] Return Value: [OK] [CR] Meaning: Stop SW running
Input Command: SETM <Setv[1] > <Seti[1] > <Swtime[1]> <Setv[2] > <Seti[2] > <Swtime[2]> <Setv[3] > <Seti[3] > <Swtime[3]> [CR] Return Value: [OK] [CR]	Set to Memory of preset1/2/3 <Setv[1] > >=???? <Seti[1] > =???? <Swtime[1]>=??? <Setv[2] > =???? <Seti[2] > =???? <Swtime[2]>=??? <Setv[3] > >=???? <Seti[3] > =???? <Swtime[3]>=???	Input Command: SETM 05001000010 13801000015 40000400020 [CR] Return Value: [OK] [CR] Meaning: preset1voltage is set to 5.00V Current10.00A SwTime 10S preset1voltage is set to 13.80V Current10.0A SwTime 15S preset1voltage is set to 40.00V Current10.0A SwTime 20S
Input Command: GALL[CR] Return Value: <AbcSele> <Get Channel> <Get UVL> <Get UCL> <Get Output > <Swtime[1]> <Swtime[2] > <Swtime[3] > <Deltatime[1-6]> <mode> <Setv[1]> <Seti[1] > <Setv[2] > <Seti[2] > <Setv[3]> <Seti[3] > <Setv[4] > <Seti[4]> [CR] [OK] [CR]	Get information from Power Supply <AbcSele> =? <Get Channel> =? <Get UVL> =???? <Get UCL> =???? <Get Output > =? <Swtime[1]> =??? <Swtime[2] > =??? <Swtime[3] > =??? <Deltatime[1-6]> =??????????? <mode> =???? <Setv[1]> =???? <Seti[1] > =???? <Setv[2] > = ???? <Seti[2] > =???? <Setv[3]> =???? <Seti[3] > =???? <Setv[4] > =???? <Seti[4]> = ???? * Setv[4] Normal Mode Voltage Seti[4] Normal Mode Current	Input Command: GALL[CR] Return Value: 3 0 4220 1020 1 350 001 001 00 00 00 00 00 00 8160 1000 0100 2000 0200 3000 0300 4000 0400 [CR] [OK] [CR] Meaning: <AbcSele> =3 Normal Mode <Get Channel> =0 un ues <Get UVL> =4220 <Get UCL> =1020 <Get Output > =1 <Swtime[1]> = 350 <Swtime[2] > = 001 <Swtime[3] > =001 <Deltatime[1]> =00

	P.27	`<Deltatime[2]>  =00`
		`<Deltatime[3]>  =00`
		`<Deltatime[4]>  =00`
		`<Deltatime[5]>  =00`
		`<Deltatime[6]>  =00`
		`<mode>       = 8160`
		`<Setv[1]>     = 1000`
		`<Seti[1] >     =0100`
		`<Setv[2] >     =2000`
		`<Seti[2] >      =0200`
		`<Setv[3] >     =3000`
		`<Seti[3] >      =0300`
		`<Setv[4] >      =4000`
		`<Seti[4]>       =0400`