

## 3280 Series AC & DC Electronic Load



MODEL		3282
Power (W)	Turbo OFF	1875 W
Power (vv)	Turbo ON	3750W (x2)*
Current(Amanara)	Turbo OFF	18.75 Arms / 56.25Apeak
Current(Ampere)	Turbo ON	37.5Arms/56.25Apeak (x2)*
Voltage(Volt)		50~280Vrms / 400Vdc

<sup>\*</sup> Turbo ON can double the power and Current ratings

## **Features**

- 4 digit V / A/W Meter display the Voltage (Vrms, Vpeak, Vmax., Vmin) Current (Irms, Ipeak, Imax., Imin.) Watt, Voltampere (VA) Frequency Crest Factor Power Factor Total Harmonic Distortion of Voltage (VTHD) , Voltage Harmonic (VH) Total Harmonic Distortion of Current (ITHD) , Current Harmonic (IH)
- CC, Linear CC, CR, CV, CP and AC Rectifier Load mode
- Crest factor range: 1.414~5.0
- Power factor (PF) range: 0~1 lead or (-1~0) lag
- Inductive / capacitive load power factor range: 0 ~ 1 Current waveform leads or lags against voltage waveform
- Built-in function test modes include UPS Efficiency, PV Inverter Efficiency, UPS Back-up time, Battery Discharge time, UPS transfer time, Fuse/Breaker Trip/Non-Trip, Short circuit, OCP, OPP test modes
- Turbo mode is able to increase to 2 times the current and power of electronic load in a short period which is the most suitable for Fuse / Breaker test and short circuit, OCP, OPP test of AC power supply
- Time measurement can be applied to batteries, UPS, fuses and circuit breakers and other tests
- Three units parallel up to 15KW and three-phase △ or Y load connection can be synchronized control by one
  master unit
- Support on-load boot; at first set Load ON to support on-load boot, inverter or uninterruptible power supply is turned on directly with the set load current, used to verify whether the starter is stable when the Inverter is connected.
- Supports the loading and unloading angle control; the loading and unloading angle control, the full range of 0-359 degrees can be set to verify whether the Inverter output voltage transient response is stable when the actual electrical plugging and unplugging, and whether Overshoot/Undershoot is within the allowable range.
- Support positive half-cycle or negative half-cycle loading; used to verify whether the Inverter output voltage remains stable when the actual appliance has only positive half-cycle or negative half-cycle load current.
- Supports SCR/TRIAC current phase modulation waveforms, 90 degree Trailing edge and Leading Edge.
- Supports the Inrush Current of the inverter at startup and the Surge Current test when the load is suddenly plugged in (Hot Plug-in) during testing.
- Frequency Range: DC, 40~70Hz
- Voltage and current monitoring
- Can be controlled by external voltage for CC, Linear CC, CR, CV, CP operating modes
- Protection against V, I, W, and °C
- Optional interface : GPIB \ RS232 \ USB \ LAN
- The most complete measurement capabilities

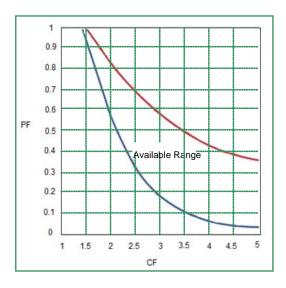
3270 Series AC & DC electronic load built-in 16-bit A/D and DSP precision measurement circuit, provides accurate measurements, measurement items have Vrms, Arms, Watt, VA, CF, PF, THD, VTHD, ITHD, Ipeak, Amax, Amin, Vmax, and Vmin

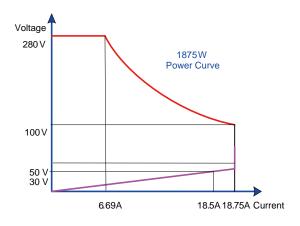
In addition to these measurement functions, it also provides time measurement, products such as UPS, fuses and circuit breakers etc. trip or blow time and transfer time for Off-line UPS

MODEL	Specifications Specification Specificatio				
Percentage   Pe	MODEL		<u>.                                      </u>		
Montanger   Mon	Power/VA (Of	PTION)*5	1875 W /1900VA (2000VA)		
Montanger   Mon	•				
PRECOUSE   1500 PAINCO CR Money   0.0-701+(LIN CRC W Money)   0.0-701+(LIN CRC W Money)		-			
Over Protection         *** 1888 7.8 Wrms or Programmable           Over Violage Protection         *** 1888 7.8 ms or Programmable           Over Violage Protection         *** 1888 7.8 ms or Programmable           Over Straps Protection         Yes           OPERATION MODE         *** 1888 7.8 ms or Programmable           Constant Current Mode for Sine-Wave         8.0 3.25 ms of 1905 8.8 ms           Recolation         0.3 1.25 ms of 1905 8.8 ms           Accounts         4.0 1.35 of setting + 0.2% of range ) & 50.0001z           Linear Constant Current Mode for Sine-Wave, Square-Wave or Quase-Square Wave, PMM Wave         8.0 3.25 ms or 1905 9.8 50.0001z           Recolution         4.0 1.35 of setting + 0.2% of range ) & 50.0001z           Accounts         + (0.1% of setting + 0.2% of range ) & 50.0001z           Constant Notage Mode         1.0 2.2% of (conting + range) & 50.0001z           Recolution         1.0 2.2% of (conting + range) & 50.0001z           Recolution         0.0 1.2% of setting + 0.2% of range ) & 50.0001z           Recolution         0.0 1.2% of setting + 0.2% of range ) & 50.0001z           Recolution         0.0 1.2% of setting + 0.2% of range ) & 50.0001z           Recolution         0.0 1.2% of setting + 0.2% of range ) & 50.0001z           Recolution         0.0 1.2% of setting + 0.2% of range ) & 50.0001z           Recolution			DC,40~70Hz(CC,CP Mode), DC~70Hz(LIN,CR,CV Mode)		
Over Virtings Protection					
Deer   Temp. Processins	Over Power F	Protection	≒ 1968.75 Wrms or Programmable		
Desire Time	Over Current	Protection	•		
Constant Current Mode for Sine-Wave   0 - 18.75	Over Vlotage	Protection	⇒ 294 Vrms/420Vdc		
Resolution	Over Temp. P	Protection	Yes		
Resolution	OPERATION	MODE			
Resolution	Constant Cu	rrent Mode f	for Sine-Wave		
#. (0.1% of setting + 0.2% of range   @ 50/60Hz	Range		0 ~ 18.75A		
Constant Current Note for Sine-Wave, Square-Wave or Quassi-Square Wave, PMM Wave   Resolution	Resolution		0.3125mA / 16bits		
Range	Accuracy		± ( 0.1% of setting + 0.2% of range ) @ 50/60Hz		
Resolution	Linear Cons	tant Current	Mode for Sine-Wave, Square-Wave or Quasi-Square Wave, PWM Wave		
### ### ### ### ### ### ### ### ### ##	Range		0 ~ 18.75A		
Constant Resistance Mode           Range         3.2 ohm – 64K ohm           Resolution¹         0.0052083mS / 16bits           Accuratory         ±0.2% of (setting + range) @ 50/60Hz           Range         50 – 280Vmm / 400Vdc           Resolution         0.1V           Accuratory         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           Constant Power Mode         Resolution           Range         1875W           Resolution         0.1W           Accuratory         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           CREST FACTOR (CC & CP MODE ONLY)         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           Resolution         0.1           Accuratory         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           Resolution         0.1           Accuratory         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           Resolution         0.1           Accuratory         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           Resolution         0.01           Accuratory         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           POWER FACTOR (CC & CP MODE ONLY)         ************************************	Resolution		0.3125mA / 16bits		
Rangle	Accuracy		± ( 0.1% of setting + 0.2% of range ) @ 50/60Hz		
Resolution	Constant Re	sistance Mo	de		
Accuracy	Range		3.2 ohm ~ 64K ohm		
Constant Vertical Plane (Parish Manager In Constant Power Mode (Parish Manager In Constant Power In Constant	Resolution *1				
Rangle	Accuracy		±0.2% of (setting + range) @ 50/60Hz		
Resolution	Constant Vo	Itage Mode			
Accuracy	Range		50 ~ 280Vrms / 400Vdc		
Constant Power Mode           Range         1875W           Resolution         0.11W           Accuracy         ±(0.1% of setting + 0.1% of range) @ 50/60Hz           CREST FACTOR (CC & CP MODE ONLY)           Range         √2-5           Resolution         0.1           Accuracy         0-1 Lag or Lead           Resolution         0.01           Accuracy         1 %F.S.           EST MODE           UPS Efficient Measurement         Non-Linear Mode           Operating Frequency         Auto: 40 - 70Hz           Current Range         0 - 18.75A           PF Range         0 - 18.75A           Resistive FROSENEY FOR BY SYSTEMS, POWER CONTIONERS FOR TWO 80%         Resistive + Non-Linear Mode           CONDITIONERS FOR TWO 80%         Resistive + Non-Linear Mode           CONTIONERS FOR TWO 80%         Resistive + Non-Linear Mode           CONTIONERS FOR TWO 80%         Resistive + Non-Linear Mode           CONTIONERS FOR TWO 80%         Resistive + Non-Linear Mode           <	Resolution		0.1V		
Range         1875W           Resolution	Accuracy		$\pm (0.1\% \text{ of setting} + 0.1\% \text{ of range}) @ 50/60\text{Hz}$		
Resolution	Constant Po	wer Mode			
Accuracy	Range		1875W		
Range	Resolution		0.1W		
Rangle         √2-5           Resolution         0.1           Accuracy         0.05% / Irms) + 1%F.S.           POWER FACTOR (CC & CP MODE ONLY)           Range         01 Lag or Lead           Resolution         0.01           Accuracy         1%F.S.           TEST MODE           UPS Efficient Measurement         Non-Linear Mode           Operating Frequency         Auto ; 40 ~ 70Hz           Current Range         0 ~ 18.75A           PF Range         0 ~ 1           MEASURING EFFICIENCY RP VSYSTER, POWER CONDITIONERS for THO 90%         Resistive + Non-Linear Mode           COMPRIONERS for THO 90%         Resistive + Non-Linear Mode           CONTROL RANGE OF THO 90%         Auto ; 40 ~ 70Hz           Current Range         0 ~ 18.75A           Resistive + Non-Linear Mode           Current Range         0 ~ 18.75A           UPS Back-Up function(CC,LIN,CR,CP)           UPS Back-Up function(CC,LIN,CR,CP)           UPS Back-Up function(CC,LIN,CR,CP)           UPS State-Up function(CC,LIN,CR,CP)           UPS (VTH)           State of the Up function(CC,LIN,CR,CP)           UPS (VTH)	Accuracy		±(0.1% of setting + 0.1% of range) @ 50/60Hz		
Resolution	CREST FACT	TOR (CC & C	·		
Accuracy         01 Lag or Lead           Resolution         01 Lag or Lead           Resolution         0.1 Lag or Lead           Resolution         0.01           Accuracy         0.01           TEST MODE           UPS Efficient Measurement         Non-Linear Mode           Operating Frequency         0.18.75A           Current Range         0.1           REASURNG EFFICIENCY RPV SYSTEMS, POWER CONDITIONERS for THO 80%         Resistive + Non-Linear Mode           Current Range         0.18.75A           Resistive Range         0.18.75A           Current Range         0.20 hm - 64K ohm           UPS Back-Up Intent         Stock CLUN,CR,CP)           UPS Back-Up Intent         1.00 Sec. (-27H)           Battery Discharge Time         1.00 Sec. (-27H)           UPS Transfer Time         2.5V           UPS Transfer Time         2.5V           UPS Transfer Time         2.5V           Time on Type	Range		$\sqrt{2}$ -5		
POWER FACTOR (CC & CP MODE ONLY)   Range	Resolution		0.1		
Range         0-1 Lag or Lead           Resolution         0.01           Accuracy         1 %F.S.           TEST MODE           UPS Efficient Measurement         Non-Linear Mode           Operating Fequency         Auto : 40 ~ 70Hz           Current Range         0 - 18.75A           PF Range Prequency         Auto : 40 ~ 70Hz           Curent Range Prequency         Auto : 40 ~ 70Hz           UPS Back-Up Intenton(CC-LIN,CR,CP)           UVP(VTH)					
Resolution	POWER FAC	CTOR (CC &			
Non-Linear Mode			<u> </u>		
TEST MODE					
UPS Efficient Measurement         Non-Linear Mode           Operating Frequency         Auto; 40 - 70Hz           Current Range         0 - 18.75A           PF Range         0-1           MEASURING EFFICIENCY FOR PV SYSTEMS, POWER CONDITIONERS for THD 80% or CONDITIONERS for THD 80% or			1%F.S.		
Operating Frequency         Auto ; 40 ~ 70Hz           Current Range         0 ~ 18.75A           PF Range         Colspan="2">0 ~ 18.75A           Resistive + Non-Linear Mode           CONDITIONERS for THD 80%         Resistive + Non-Linear Mode           Operating Frequency         Auto ; 40 ~ 70Hz           Current Range         0 ~ 18.75A           Resistive Range         10 ~ 18.75A           Resistive Range         10 ~ 280Vrms / 400Vdc           UVP (VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           UVP (VTH)         2 . 25V           UVP (VTH)         2 . 25V           Time range         0 ~ 18.75A           UVP (VTH)         2 . 25V           Time range         0 . 15mS ~ 999.99mS           Fuse Test mode <th <="" colspan="2" td=""><td></td><td>1</td><td></td></th>	<td></td> <td>1</td> <td></td>			1	
Current Range         0 ~ 18.75A           PF Range         0 ~ 1           MEASURING EFFICIENCY ONDITIONERS for THIS 80% Operating Frequency         Resistive + Non-Linear Mode           Operating Frequency         Auto; 40 ~ 70Hz           Current Range         0 ~ 18.75A           Resistive Range         3.2 ohm ~ 64K ohm           UVP (VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time         Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0 ~ 18.75A ms           Fuse Test mode         0.15mS ~ 999.99mS           Fuse Test mode         18.75Arms           Max. Current         1 Turbo OFF         18.75Arms (x2) "3           Tirp & Nongard         1 Turbo OFF         0.1 - 9999.9sec.           Tirp Time         10 turbo OFF         0.1 - 9999.9sec.           Meas. Accurzy         40.003 Sec.					
PF Range					
Neas Note   Non-Linear Mode		ge			
CONDITIONERS for THD 80%           Operating Frequency         Auto; 40 ~ 70Hz           Current Range         0 ~ 18.75A           Resistive Range         3.2 ohm ~ 64K ohm           UPS Back-Up function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         0 ~ 280Vrms / 400Vdc           Battery Discharge Time         0 ~ 280Vrms / 400Vdc           UVP (VTH)         50 ~ 280Vrms / 400Vdc <td< td=""><td colspan="2"></td></td<>					
CONDITIONERS for THD 80%           Operating Frequency         Auto; 40 ~ 70Hz           Current Range         0 ~ 18.75A           Resistive Range         3.2 ohm ~ 64K ohm           UPS Back-Up function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         0 ~ 280Vrms / 400Vdc           Battery Discharge Time         0 ~ 280Vrms / 400Vdc           UVP (VTH)         50 ~ 280Vrms / 400Vdc <td< td=""><td colspan="2">FOR PV SYSTEMS, POWER</td><td colspan="2">Resistive + Non-Linear Mode</td></td<>	FOR PV SYSTEMS, POWER		Resistive + Non-Linear Mode		
Current Range         0 ~ 18.75A           Resistive Range         3.2 ohm ~ 64K ohm           UPS Back-Up function(CC,LIN,CR,CP)         0           UVP(VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current           Turbo OFF         18.75Arms           Turbo OFF         18.75Arms (x2) *3           Trip & Non-Trip Time         Turbo OFF           Turbo OFF         0.1 ~ 9999.9sec.           Turbo OFF         0.1 ~ 9999.9sec.           Turbo OFF         0.1 ~ 9999.9sec.           Turbo OFF         0.1 ~ 1.0sec.           Meas. Accuract         ± 0.003 Sec.	CONDITIONERS for THD 80%				
Resistive Range         3.2 ohm ~ 64K ohm           UPS Back-Up function(CC,LIN,CR,CP)           UVP(VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current Turbo OFF         18.75Arms           Turbo OFF         1.1 rubo OFF           Turbo OFF         0.1 ~ 9999.9sec.           Turbo OFF         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 9999.9sec.           Meas. Accuract         1 rubo ON           1 rubo ON           Accuract           1 rubo ON           1 rubo ON <td< td=""><td colspan="2"></td><td></td></td<>					
UPS Back-Up function(CC,LIN,CR,CP)           UVP(VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         Turbo OFF         18.75Arms           Turbo ON         37.5Arms (x2) "3           Trip & Non-Trip Time         Turbo OFF         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 1.0sec.           Meas. Accurvery         ±0.003 Sec.	-				
UVP(VTH)         50 ~ 280Vrms / 400Vdc           UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current Turbo OFF         18.75Arms           Turbo ON         37.5Arms (x2) *3           Trip & Non-Trip Time         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 9999.9sec.           Meas. Accuracy         ±0.003 Sec.					
UPS Back-Up Time         1 ~ 99999 Sec. (>27H)           Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         18.75Arms           Turbo OFF         18.75Arms (x2) '3           Trip & Non-Trip Time         0.1 ~ 9999.9sec.           Turbo OFF         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 1.0sec.           Meas. Accuracy         ±0.003 Sec.					
Battery Discharge function(CC,LIN,CR,CP)           UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         Turbo OFF         18.75Arms           Turbo ON         37.5Arms (x2) *3           Trip & Non-Trip Time         Turbo OFF         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 1.0sec.           Meas. Accuract         ±0.003 Sec.					
UVP (VTH)         50 ~ 280Vrms / 400Vdc           Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         Turbo OFF         18.75Arms           Turbo ON         37.5Arms (x2) *3           Trip & Non-Trip Time         Turbo OFF         0.1 ~ 9999.9sec.           Meas. Accurrent         ±0.003 Sec.	·		· · ·		
Battery Discharge Time         1 ~ 99999 Sec. (>27H)           UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         Turbo OFF         18.75Arms           Turbo OFF         1 Turbo OFF         0.1 ~ 9999.9sec.           Trip & Non-         Turbo OFF         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 1.0sec.           Meas. Accurze         ±0.003 Sec.		narge tuncti			
UPS Transfer Time           Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode         Turbo OFF           Max. Current         Turbo OFF         18.75Arms           Trip & Non-Trip Time         Turbo OFF         0.1 ~ 9999.9sec.           Trip Time         Turbo ON         0.1 ~ 1.0sec.           Meas. Accurrey         ±0.003 Sec.	` '				
Current Range         0 ~ 18.75A           UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         Turbo OFF         18.75Arms           Turbo OFF         Turbo OFF         0.1 ~ 9999.9sec.           Trip & Non-Trip Time         Turbo OFF         0.1 ~ 9999.9sec.           Meas. Accurrey         ±0.003 Sec.			1 ~ 99999 Sec. (>2/Ħ)		
UVP (VTH)         2.5V           Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         Turbo OFF         18.75Arms           Turbo ON         37.5Arms (x2) *3           Trip & Non-Trip Time         Turbo OFF         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 1.0sec.           Meas. Accuracy         ±0.003 Sec.			0.40754		
Time range         0.15mS ~ 999.99mS           Fuse Test mode           Max. Current         Turbo OFF         18.75Arms           Turbo ON         37.5Arms (x2) *3           Trip & Non-Trip Time         Turbo OFF         0.1 ~ 9999.9sec.           Turbo ON         0.1 ~ 1.0sec.           Meas. Accuracy         ±0.003 Sec.					
Fuse Test mode           Max. Current         Turbo OFF Turbo ON         18.75Arms           Trip & Non-Trip Time         Turbo OFF Turbo OFF Turbo ON         0.1 ~ 9999.9sec.           Trip Time         Turbo ON         0.1 ~ 1.0sec.           Meas. Accuracy         ±0.003 Sec.					
Max. Current         Turbo OFF Turbo ON         18.75Arms           Trip & Non-Trip Time         Turbo OFF Turbo OFF Turbo ON         0.1 ~ 9999.9sec.           Meas. Accuracy         ±0.003 Sec.	-				
Max. Current         Turbo ON         37.5Arms (x2) *3           Trip & Non- Trip Time         Turbo OFF Turbo ON         0.1 ~ 9999.9sec.           Meas. Accuracy         ±0.003 Sec.	ruse Test me				
Trip & Non-Trip Time         Turbo OFF Turbo ON         0.1 ~ 9999.9sec.           Meas. Accuracy         ±0.003 Sec.	Max. Current				
Trip Time         Turbo ON         0.1 ~ 1.0sec.           Meas. Accuracy         ±0.003 Sec.					
Meas. Accuracy ±0.003 Sec.	•				
тереа∟ Сусте 0 ~ 255	-				
	переат Сусіе		U ~ 255		

		Specifications	
MODEL 3282			
Short/OPP/C	OCP Test Fur	nction	
Short Time	Turbo OFF	0.1S ~ 10Sec. Or Cont.	
Snort Time	Turbo ON	0.1S ~ 1Sec	
OPP/OCP	Turbo OFF	100ms	
Step Time	Turbo ON	100ms, up to 10 Steps	
	Turbo OFF	18.75Arms	
OCP Istop	Turbo ON	37.5Arms *3	
	Turbo OFF	1875W	
OPP Pstop	Turbo ON	3750W	
Programmal	ble Inrush cu	ırrent simulation: Istart - Istop / Tsep	
Istart, Inrush		0~37.5A	
Inrush Step t	ime	0.1mS~100mS	
Istop, Inrush	stop current	0~18.75A	
		rrent simulation: S1/T1 - S2/T2 - S3/T3	
S1 and S2 (		0~37.5A	
T1 and T2 T	ime	0.01S~0.5Sec.	
S3 Current		0~18.75A	
T3 Time		0.01S ~ 9.99Sec. Or Cont.	
MEASURE	MENTS		
VOLTAGE F		A METER	
Range		400V	
Resolution		0.01V	
Accuracy		± 0.05% of ( reading + range )	
Parameter		Vrms, V Max / Min, +/-Vpk	
CURRENT	READBACK		
Range	KLADDAOK	9.375Arms / 18.75Arms	
Resolution		0.2mA / 0.4mA	
Accuracy		±0.05% of ( reading + range) @ 50/60Hz , ±0.2% of ( reading + range)	
Parameter		Irms,I Max / Min,+ / -lpk	
WATT REAL	DBACK W N		
Range	DETACK W.	1875W	
Resolution		0.03125W	
Accuracy		±0.1% of (reading + range)	
VA METER		Vrms×Arms Correspond To Vrms and Arms	
Power Fact	or METER	VIIIISAAIIIIS COITESPONU TO VIIIIS and Airiis	
Range	OI METER	+/- 0.000~1.000	
Accuracy		± ( 0.002 ± ( 0.001 / PF ) * F )	
Frequency	METER(V)	I ( 0.002 I ( 0.001/11 ) 1 )	
Range	METER(V)	DC.40~70Hz	
Accuracy		0.1%	
Other Para	meter MFTF		
Other Fara	IIICTCI WILIE	VA, VAR, CF_I, Ipeak, Imax., Imin. Vmax., Vmin., Iнp, Vнp, Iтнp, Vтнp	
OTHERS		VA, VAIX, OI _I, IPEAK, IIIIAA., IIIIII. VIIIAA., VIIIII., IND, VIID	
Start up load	ing	Yes , Power on loading during Inverter / UPS start up	
-	_	0 ~ 359 degree can be programmed for the angle of load ON and load OFF loading	
Load ON / OFF Angle Half cycle and SCR/TRIAC loading		Postive or Negative half cycle, 90° Trailing edge or Leading edge current waveform can be programmed	
Master/Slave (3 Phase Application)		Yes, 1 master and upto 7 slave units	
External programming input		F.S / 10Vdc, Resulotion 0.1V	
External SYNC input		TTL	
·		±500V / ±10V	
Vmonitor (Isolated)			
Imonitor (Isolated)		±56.25Apk / ±10Vpk	
Interface ( OPTION )		GPIB; RS-232; LAN; USB	
MAX. Power consumption		150VA	
Operation Temperature *2		0 ~ 40 °C	
Current of inpo (mA) @50/60H	z ; @400Hz	about V*0.3; about V*2.2	
Dimension (	HxWxD)	177 x 440 x 558 mm	
Weight		21.5Kg	

- $^{\star}1$  ms (millisiemens) is the unit of conductance(G), one siemens equal to  $1/\!\Omega$
- \*2 Operating temperature range is  $0\sim40^{\circ}$ C, all specification apply for 25°C ±5°C, Except as noted
- $^{\star}$ 3 Turbo mode for up to 2X Current rating & Power rating support Fuse, Short / OCP / OPP test function
- \*4 The power factor range is limited on programmed current
- \*5 Extend PF Range Option
- \* All specifications apply for 50/60Hz.





3282 Power Curve

