

## Specifications

MODEL TYPE	HKO40192T-ES	HKO50192T-ES	HKO60192T-ES
<b>PV INPUT:</b>			
Max. DC Power (@cosφ=1) total / per MPP Input	4500 W / 1500W	5700 W / 1900 W	6900 W / 2300 W
Max. Input Current Input A / B / C	7 A / 7 A / 7 A	7 A / 7 A / 7 A	7 A / 7 A / 7 A
Number of MPPTs	3		
Number of independent MPP Inputs	1		
MPP Voltage Range	150 - 360 Vdc		
<b>BATTERY:</b>			
Battery Type	Li-ion, Lead Acid or Gel		
Charging Curve	3-stage adaptive with maintenance		
Battery Voltage Range	166 - 260 Vdc		
Battery Capacity	100 - 500 Ah(Depend on requirement)		
Charge Current	5-50 A (programmable by battery capacity or charging time)		
<b>AC OUTPUT :</b>			
Continuous Output Power	4000 VA	5000 VA	6000 VA
AC Output Current	17 A	22 A	26 A
Power Factor	0 ~ 1.0		
Nominal Output Voltage	230 Vac, 50 Hz		
Output Voltage Distortion	<3% for linear load; <5% for non-linear load		
AC Input Voltage Range	180-260 Vac 50/60 Hz		
Peak power	2·Pnom, 10sec		
Transfer Time	<10 ms (typical)		
Max.Efficiency	96%		
Max.MPP Efficiency	99.9%		
<b>ENVIRONMENTAL :</b>			
Operating Temperature Range (°C)	-25 - +60 °C(derating from 50°C)		
Storage Temperature (°C)	-40 to + 70 °C		
Humidity	0-100%, non-condensing		
Altitude (m)	2000 m (rising every 100m derating 1%)		
Safety Certification	CE		
<b>GENERAL DATA:</b>			
Device Dimensions (W*H*D)	680*940*300 mm		
Protection Category	IP54		
Mounting Recommendation	Wall-mounted		
Gross Weight	100 Kg		
Topology	Transformer		
Cooling	Fan forced cooling		
Noise level	<45 dB(A) @ 1m		
LED Display	Integrated		
LCD Display	Graphic display		
Warranty	5 Years		
Communication Port	RS232 / RS485		