

Technical Data

	GW3600-DS	GW4200-DS	GW4800-DS	
DC Input Data	Max. PV-generator power [W]	3800	4600	5400
	Max. DC power each MPPT [W]	2000	2500	3000
	Max. DC voltage [V]		580	
	MPPT voltage range [V]		125-550	
	Turn on DC voltage [V]		125	
	Max. DC work current [A]	2x10	2x15	2x15
	Number of inputs/MPP trackers		4/2 (can parallel)	
	DC connector		MC IV Connector	
	Self-energy consumption [W]		< 5	
AC Output Data	Nominal AC power [W]	3600	4200	4600
	Max. AC power [W]	3600	4400	5100
	Max. output current [A]	18	21	25
	Nominal output voltage range	According to VDE-AR-N 4105, RDI663, ENEL, G59, SAA		
	AC grid frequency	According to VDE-AR-N 4105, RDI663, ENEL, G59, SAA		
	THDi	< 2%		
	Power factor	0.95 leading..0.95 lagging		
	AC connection	Single phase		
Efficiency	Max. efficiency	97.6%	97.8%	97.8%
	European efficiency	96.5%	97.4%	97.4%
	MPPT adaptation efficiency	> 99.5%		
Safety Equipment	Leakage current monitoring unit	Integrated		
	DC switch disconnecter	Optional		
	Islanding protection	AFD		
	Grid monitoring	According to VDE-AR-N 4105, AS4777 I/2/3, RDI663, ENEL, G59-2		
Normative Reference	EMC compliance	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4		
	Safety compliance	According to IEC62109-1, AS3100		
General Data	Dimensions (WxHxD) [mm]	390x417x165		
	Net weight [kg]	20		
	Housing	For outdoor and indoor		
	Mounting information	Wall mounting		
	Operating temperature range	-20-60°C (up 45°C derating)		
	Relative humidity	0-95%		
	Site altitude [m]	2000		
	IP protection class	IP65		
	Topology	Transformerless		
	Cooling	Natural convection		
	Noise level [dB]	< 25		
	Display	4" LCD		
	Communication	USB2.0 ; RS485(Wireless /Bluetooth optional)		
	Standard warranty[years]	5/10 (optional)		